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COMPILED BY

Lt.-Col. W. P. C. TENISON, D.S.O.

[Russian literature by Professor A. I. Ivanov]

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1
M
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1
5
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7
S
M
1
V
C
1
1

18. AVES

CONTENTS

I. TITLES	3
II. SUBJECT INDEX	57
III. DISTRIBUTION	63
IV. SYSTEMATIC INDEX	65

I.—TITLES

In the list of titles the year has been omitted where it is the same as the volume year of the "Record", namely (1962).

Anon. Bull. nat. Hist. Soc. Christmas Is. Nos. 2-11 1957-59.

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Anon. (3). Reports from bird observatories, Spring 1960. Bird Migration **1** 1960 : 187-214.

Anon. (4). Rarities Fair. Bird. Migr. **2** : 203-204.

Anon. (5). Sight records of unusual birds. Brit. Birds **55** : 557-560.

Anon. (6). Flamingo rescue. Field & Tide **4** (7) : 12-15 figs.

Anon. (7). Bilan general des oiseaux bagués en 1961. Gerfaut **52** : 537-560.

Anon. (8). Skomer bird report. Nature in Wales **8** : 7-15.

Anon. (9). Birds recorded in 1961. Rep. Lundy Fld. Soc. No. 14 : 6-20.

Anon. (10). Bird ringing in West Africa, 1961. Niger. Fld. **27** : 134-137.

Anon. (11). New birds for Mr. Jefferson. Living Mus. **24** : 114 fig.

Anon. (12). Christmas bird census. Victoria Nat. **17** 1961 : 74-87.

Anon. (13). In memoriam. Professeur Dr. René K. Verheyen. Zoo, Anvers **27** : 113.

Anon. (14). Notes ornithologiques. Bull. Soc. Sci. nat. Ouest **58** : 5-18.

Abbott, U. K. *see* Kiény.

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Adams, P. J. The first record of starlings in the Knoxville area. Migrant **33** : 19.

Agárdi, E. Passing of Cranes above Pécsvárad. Aquila **67-68** : 247.

Ahlén, I. & **Lennérstedt**, I. Vertebratfaunistiska studier in norra Jämtland. Fauna och Flora **57** : 81-98 figs.

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Bartels, E. Wat doen boemeenden (*Dendrocygna*) in en voor zoeken brakwaterplassen op Java [with English summary]. *Ardea* **50** : 207-211.

Barth, R. H., Jr. *see* Hamilton, T. H.

Bartholomew, G. A. *see* Howell.

Bartholomew, G. A. *see* Poulsom.

Barthos, G. Newer data of the nesting of the Scops Owl in S.W. Hungary. *Aquila* **67-68** : 253.

Barthos, G. & Kocsis, T. Summer occurrence of the Mute Swan in Southwestern Hungary. *Aquila* **67-68** : 245.

Bartolami, R. & Palmieri, G. Macroscopic and microscopic anatomy of the ureters of some birds [summary]. *Riv. Biol.* **55** 1-2 : 95-146 figs.

Baskett, T. S. *see* Frankel.

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Bauer, R. *see* De Graff.

Bauer, W. Eine weitere Beobachtung des Spornpiepers (*Anthus richardii*) in Hessen. *Vogelwelt* **93** : 155-156.

Baumel, J. J. Asymmetry of encephalic arteries in the pigeon (*Columba livia*). *Anat. Anz.* **111** : 91-102 figs.

Beal, C. M. The Jamestown bird roost. *Kingbird* **12** : 128-130.

Béchervaise, J. Young Albatrosses : 170-175 figs. Penguins and penguins : 320-324 figs. The Macaronis depart : 352-356 figs. *Vict. Nat., Melb.* **78**.

Béchervaise, J. (1). The four bays : 4-9 figs. In the bleak mid-winter : 96-102 figs. *Vict. Nat., Melb.* **79**.

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Benson, C. W. (5). The food of the Spotted Eagle Owl, *Bubo africanus*. Ostrich **33** : 35.

Benson, C. W. & Pitman, R. S. Some breeding and other records from Madagascar. Bull. Brit. orn. Cl. **82** : 30-33.

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Bentham, H. Barn Owl sunbathing. Brit. Birds **55** : 482.

Bentley, W. W. see Denson.

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Béres, J. Ornithological observations in the Máramarases. Aquila **67-68** : 262.

Beretzk, P. Pallas's Sea Eagle on Lake Fehérto near Szeged : 243. Occurrence of a flamingo near the river Tisza at Körtölyes : 243. Notes on the food-biology of the Black-tailed Godwit : 248. Data on the nutrition of the Black-headed Gull : 240. Aquila **67-68**.

Beretzk, P., Keve, A. & Marián, M. Jahreszeitliche Veränderung im Bestand der Rohrhammer-Populationen in Ungarn. Acta zool., Budapest **8** : 251-271.

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Berlin, O. G. W. A comparative study of the hind limb musculature and the toes of four local representatives of Falconiformes. J. anim. Morph. Physiol. **9** : 1-17 pls.

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Bernard, R. F. Secondary DDT poisoning in a Sparrow Hawk. Auk **79** : 276-277.

Berndt, R. Wer wählt-bei der Amsel (*Turdus merula*) den Nestplatz aus? Vogelwelt **83** : 70-74.

Berndt, R. (1). Vogelbeobachtungen auf dem Nordatlantik 1944 und 1946. Vogelwarte **21** : 293-294.

Berndt, R. (2). Zu: *Passer montanus* als Wirt von *Cuculus canorus*. Vogelwelt **83** : 82-83.

Berndt, R. & Laue, G. Zur Brutverbreitung de Gänsehäher (*Mergus m. merganser* L.) in Deutschlands. J. Orn. **103** : 303-304.

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Berthold, P. Nochmals: Schnatterente (*Anas strepera*) als Nahrungsschmarotzer. Vogelwarte **21** : 219.

Beser, H. J. & Eberhardt, D. J. Trauerente (*Melanitta nigra*) auf dem Rhein. Orn. Mitt. Stuttgart **14** : 107-109.

Bezzel, E. Beobachtung über Legebeginn und Legezeit bei Entenpopulationen. Anz. orn. Ges. Bayern **6** : 218-233. [English summary].

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Bjerring, A. see Johansen.

Blackburn, A. Feeding behaviour of Red-billed Gulls. Notornis **10** : 42.

Blackwood, U. B. The changing inhibition of early differentiation and general development in the chick embryo by 2-ethyl-5-methyl-benzimidazole and chloramphenicol. *J. Embryol. exp. Morph.* **10** : 315-336 figs. pl.

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SUBJECT INDEX

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GENERAL LITERATURE AND HISTORY

General Works : Faunal.—Caribbean, **Allen**, R. P. ; Subantarctic, Campbell Island, **Bailey** & **Sorenson** ; Bulgaria, **Balát** (1) ; British Isles, **Bannerman** ; Uruguay, **Cuello** & **Gerzenstein** ; Tropical Africa, **Curry-Lindahl** ; Review of N. American Handbook, **Davis**, J. (1) ; U.S.S.R., **Dementiev** ; East Solomon Islands, **Galbraith** ; Kazakhstan, U.S.S.R., **Gavrin** & others ; **Dolgushin** ; Waders in Russia, **Kozlova** ; Rare birds of Africa, **Hall** & **Moreau** ; Ornithology of Saxony, **Heyder** (1) ; Upper Murray of South Australia, **Mack** ; Southern

third of Africa, **Mackworth-Praed & Grant** ; Mali, Niger Basin, **Malzy** ; N. Yakutiya, U.S.S.R., **Naumov & Labutin** ; Birds of Suffolk, **Payn** ; Field guide to western North American birds, **Peterson** ; Ceylon, **Phillips**, W. W. A. ; Indian Peninsula, **Ripley** ; Tshuapa and Equatorial Congo, **Schouteden** ; Central American life histories, **Skutch** ; Ascension Island, **Stonehouse** ; Crimea, **Volchanetskii**

General Works : Miscellaneous.—North American birds in their native haunts, **Allen**, A. A. (1) ; French natural history of birds, **Berlioz** (2) ; Natural History of Birds, **Berndt & Meise** ; History of New Zealand bird fauna, **Fleming** ; Population study, **Hüttemoser** ; Bird photography, **Kortekaas** ; Vol. 15 checklist of birds of the world, Ploceidae to Corvidae, **Mayr & Greenway** ; The Hastings rarities, **Nelder, Nicholson & Ferguson-Lees** ; Shooting, **Pearson-Rogers** ; Catalogue of birds' foods, **Turček**.

History.—An old Wm. Clark drawing, **Anon.** (11) ; Explorations in Baja California, **Banks**, R. C. ; Moas and men, **Cumberland** ; Birds on medieval tapestries, **Freeman** ; Langolius on birds, **Harrison**, T. P. (1) ; Emperor Maximilian II's falcons, **Kumerloewe** (2) ; Mitchell's "Birds of Plandome," Long Island, **Murphy**, R. C. ; President Jefferson as bird watcher, **Scheffel** ; Audubon's notes for Bonaparte, **Schorger** ; Hemprich & Ehrenberg in Lebanon in 1824, **Stresemann** (1) ; Extinction of New Zealand birds, **Williams**, G. R.

Bibliography.—The White Stork, **Brinkmann** ; German literature, **Brauns** ; Possible painting of eggs by James Trudeau, **Ewan** ; Birds in poetry, **Harrison**, T. P. ; R. K. Verheyen, **Hublé** (1) ; Ornithological books in Yale University Library, **Ripley & Scriber** ; Audubon oil painting, **Sherman** ; R. Verheyen, **Tassel & Meel**.

Obituaries.—R. K. Verheyen, **Anon.** (13), **Capart**, **Hublé** (1), **Tassel & Meel**, **Voous** (2) ; Dr. G. C. A. Junge, **Brouwer**, **Klomp**, **Voous** (6) ; A. Hazelwood, **Chiarelli** ; P. Poty, **Comble** ; J. T. Nichols, **Elliott & Taylor** ; J. H. Marchlewski, **Malinowska**, W. ; G. Ralif, **Meise** ; Dr. J. M. Shaver, **Monk** ; A. Frhr. v. Vietinghoff-Riesch, **Niethammer** (3) ; William Beebe, **Osborn** ; J. Larsen, **Salomonsen** (2).

Portraits.—R. K. Verheyen, **Capart**, **Hublé** (1) ; Dr. G. C. A. Junge, **Brouwer** ; R. T. Peterson, **Farb** ; J. Larsen, **Salomonsen** (2).

Biographies.—R. Cushman Murphy, **Ashby** ; M. N. Bogdanov, **Banina** ; R. Tory Peterson, **Farb** ; A. N. Formozov, **Heptner** ; E. A. Preble, **McAtee** ; Notes for Pernau (1660-1731), **Stresemann**.

Classification.—**Rydzewski** ; Outline of comprehensive species concept, **Kuroda** (6) ; Immunological study of red-cell antigens in certain families, **Mainardi** ; Relationships of flamingoes, **Mainardi** (5) ; Value of egg-white proteins as a taxonomic tool, **Peakall** ; Mechanical implications of the skull, **Simonetta** ; New classification of non-passerine birds, **Verheyen**.

Taxonomy and Nomenclature.—Hummingbirds, **Berlioz** ; Restrictions to Brisson, **Henning** ; Dubious species, **Mayr** ; Pigeons, **Johnston**, R. F. (1) ; Comments on *Phosyga*, **Parkes** & others.

Vernacular names.—Laos, **Deuve** ; English names of Ceylon birds, **Ebbels** ; Russian-English glossary, **MacLennan** ; North American origins, **Terres**.

Folk Lore.—Barnacle Goose, **Ankel** ; Nightingale songs in France and Canada, **Barbeau** ; The falcon on medieval coinage, **Huszar**.

Museums and Institutions.—American Ornithologists Union, **Deignan** ; Type specimens in United States National Museum, **Deignan** (1) ; Preparation of study specimens, **Hall**, E. R. ; Extinct birds in Paris Museum, **Jonanin** (1) ; Preparation of skins, **Niethammer** ; Model of Great Auk, **Petersen** ; Hummingbirds in Prof. Mello Leitao Museum, **Ruschi** (8) ; Trieste, **Sadini** ; List of types in Moscow Zoological Museum, **Sudilovskaya** ; Bird skin preparation, **Watson** (5).

Oology.—Measurement of curvature of egg shells, **Jakab** ; Colour photos of nests and eggs, **Löhr** ; Formation of egg-shell, **Schmidt**, W. J. ; Eggshell structure, **Schwarz & Fehse**.

Fossil Birds.—Extinction of moas during the holocene period, **Fleming** (1) ; Azerbaijan Binagady asphalt deposits, **Burchak-Abramovich** ; New Mexico cave, **Howard** ; Hungarian birds, **Jánossy** ; Hungarian finds, **Kretzoi** ; Remains in Dakota Indian middens, **Miller** ; From Austrian caves, **Thenuis**.

STRUCTURE AND PHYSIOLOGY

General.—Evaluation of energetic indices, **Blyumental** & **Dolník** ; Air sacs, **Delphin** ; Bilobated kidneys in the Hornbills, **Feinstein** ; Cerebellar physiology in migratory and sedentary birds, **Schreiber** & others ; Structure of the epiphysis, **Stammer**.

Cytology.—Study of sperm, **Furieri** ; Macrothecytes in birds, **Gabe** ; Oxidizing enzymes, **George & Talesara** ; Microchromosomes, **Krishan** ; Cyclical changes in epididymis of goose, **Mehrotra** ; Amitosis, **Mehrotra** (1) ; Hormonogenesis in the ovary, **Roy & Ghosh** ; Chromaffin patterns, **Sinha & Ghosh** ; Study of hypophysis of a duck, **Tixier-Vidal** & others ; Pancreatic tissue of duck, **Wallgren & Hellman** ; Cell division in chick ganglia, **Yates**.

Osteology.—Bio-mechanisms of the skull, **Beecher** ; Pneumatic fossa of the humerus, **Bock** ; Rumanian studies, **Barbu & Boldor**, **Boldor & Barbu** ; Skull structure of Emperor Penguin and Guillemet, **Dzerzhinskii** ; Structure of jaws and hyoid apparatus in larks, **Esilevskaya** ; New World quails, **Holman** ; Osteology of Buntings, **Il'ichev** (3) ; Evolution of otic region of skull, **Il'ichev** (4) ; Postembryonic changes of skeleton of passeriform birds, **Il'ichev** (6) ; Histological structure of long bones of penguins, **Meister** ; Skull of partridge, **Schub** ; Postcranial osteology of waterfowl, **Woolfenden**.

Myology.—Active motor system of fowls in comparison with that of domestic mammals, **Alex** ; Hind-limb musculature of Falconiformes, **Berlin** ; Muscle fibres of quail, **Bösiger-Ensner** ; Jaw muscles in larks, **Esilevskaya** ; Terminology of short extensor muscles of toe, **Holmes** ; Function of *limbus facialis*, **Il'ichev** ; In chick wing, **Sullivan** ; Pelvic limb of raptors, **Usenko**.

Teratology.—**Kiény & Abbott** ; Abnormal bills, **Pomeroy** ; Possible inheritance, **Caird** ; Dove with three legs, **Frankowiak** ; Abnormal bills, **Harris** (3), **Watson** ; Gull albinism, **Harrison**, J. M. & J. G. ; Woodpecker, **Lutskaya** ; Albinism and melanism, **Sage** (3) ; Experiments, **Souri & Swani**.

Circulatory System.—Asymmetry of arteries in the pigeon, **Baumel** ; Blood groups in chickens, **Briles, Gilmour** ; Cardiovascular responses in diving birds, **Eliassen** ; A method of measuring heart beats of birds in flight, **Eliassen** (1) ; Study of aortic body of a bunting, **Kuo-tchang & Siang-ki** ; Blood groups of pigeon, **Moyano** ; In some Indian birds, **Sathyasan & Ramamurthy** ; Unusual blood condition in a Swan, **Savage & Isa**.

Alimentary System.—**Milochin** ; Anatomy of ureter, **Bartolami & Palmieri** ; Digestion of chitin, **Jeuniaux** ; Stomach stones, **Miller, L.** (3) ; Intestinal caeca, **Naik & Dominic**.

Respiratory System.—Lung capacity in fowl, **King & Payne** ; Radiotelemetry of respiration of a flying duck, **Lord, Bellrose & Cochrane**.

Nerves and Sense Organs.—Heart, **Ábrahám** ; Retina of pigeon, **Bridges** ; Caudal neurosecretory system, **Ganguly & Ray** ; Study of neurons, **Ghosh & others** ; Functional details of external ear, **Il'ichev** (1) ; Morphology of ear, **Il'ichev** (2) ; Evolution of otic region of skull, **Il'ichev** (4) ; Auditory analyser in Penguins, **Il'ichev** (5) ; Conductive tracts of spinal cord, **Karapetyan & Mikaelyan** ; Electron microscopy of eye, **Kidd** ; In pigeon, **Malinovsky, L.** ; Glycogen distribution, **Masai** ; Peripheral autonomic neurones, **Mikhailin** (1) ; Eye sightin swift, starling and blackbird compared, **Oehme, H.** ; Vestibular analyser, **Orlov** ; Muscle and its neural control, **Van der Kloot** ; Hearing, **Winter & Schwartzkopff**.

Epithelial Structures.—Analysis of chick epidermal differentiation, **Wessells** ; Claws of predatory birds, **Pascovski**.

Plumage.—Biological significance of season change, **Hamilton & Barth** ; Albinism and melanism in mallard, **Harrison, J. & J.** ; Ragged wing chicks, **Juhn & Schaffner** ; Embryonal pterylosis of duck, **Koecke & Kuhn** ; Paradise Whydah-bird, **Koenig** ; Feather epithelium, **Leeson** ; Comparative development in *Coturnix* and Bobwhite, **Lyon** ; Molt and migration, **Mikheev** ; Abnormal colouration, **Rollin** ; Reason for molt, **Ryder, M. L.** ; Not controlled by gonads, **Saxena & Thapliyal, Thapliyal & Saxena** ; Study of the wing primaries, **Stegmann** ; Molt of Central African birds, **Verheyen** (1) ; General work in Russian, **Voitkevich** ; Origin of orange colours, **Volker** (1) ; Wing molt of turkey, **Williams, L. E., Jr.** ; Molt as a field study, **Williamson** (1).

Body Temperatures.—Temperature regulation in the Sooty Tern, **Howell & Bartholomew** (1) ; Hummingbirds, **Morrison**.

Growth and Weight.—Pink-footed Geese, **Beer & Boyd** ; Growth of bill in the Hooded Crow, **Chmutova & Smirnova** ; Some eagles and vultures, **Conway** (2) ; Characteristics of some migrants, **Graber, R. R. & J. W.** ; Weights of 500 birds found dead on Skomer I., **Harris** (1) ; Partridge and grouse in Alberta, **Keith, L. B.** ; Weight equated with surface area in fowls, **Leighton & Siegel** ; Weights of wild birds

found dead, **Macdonald, J. W.** ; Criticism, **Owen** ; Adelie Penguin chicks, **Taylor & Roberts**.

Endocrinology.—Neurohypo-physial hormones, **Heller & Pickering** ; Thyroid glands in quails, **Kirkpatrick & others** ; Aspects of stress phenomena, **Munday** ; Pituitary, **Payne** ; Early pituitary function, **Phillips, J.**.

Experimental Biology.—Eye, **Benoit** ; Light-microscopic studies, **Fujii** ; Treatment of pheasant ovaries with X rays, **Greb & Morgan** ; Testosterone-induced crowing, **Marler & others** ; Effect of red-orange rays on metabolism, **Nadyarnaya** ; Deep cooling of gonads, **Novikov & Lyubarskaya** ; Resistance of gonads to low temperature, **Novikov & Lyubarskaya** (1) ; **Martinovich & others** ; **Szekely & Szentagothai** ; **Langman & others** ; Chicken serum, **Weller & Schechman**.

Biochemistry.—Iodide secretion of nasal gland, **Carey & Schmidt-Nielsen** ; Oviduct of the Kite, **Chakravorti & Sadhu** ; Synthetic oxytocin action, **Chaudhury** ; Histochemistry of adenohypophysis and adrenal gland, **Fayez & Rappay** ; In heart muscle lipase, **George & Iype** ; Salt-secreting gland, **Komnick** ; In ornithological systematics, **Mainardi** (1) ; Acid oxidase, **Michalek** ; Gas exchange, **Segal** ; Function of glycogen body, **Smith & Geiger** ; Calcium metabolism, **Sokolova** ; Relationships of oscine families indicated by tissue proteins, **Stalcup** ; Canthaxanthin, **Völker**.

DEVELOPMENT

General.—Quantity of yolk in eggs of different birds, **Hoffmann, D. N.**

Embryology.—**Barron & McKenzie** ; **Kirrmann, Vakaet** ; **Berg & Szekeres** ; **Michelucci** ; **Milaire** ; **Nunnally** ; **Spratt & Haas** ; Ependymal cell study, **Birge** ; Double embryos, **Chisholm** ; Development of symmetry, **Clavert** ; Regeneration, **Gross** ; Hormonal influence in sex development, **Jost** ; Development of wing, **Hoffmann & Rott** ; Yolk sac of embryo, **Houser** & others ; Morphology of the sternum, **Klima** ; Lens regeneration, **McKeehan** ; Development of male embryos of hen, **Malinowska** (1) ; Localization of cholinesterase, **Mumenthaler & Engel** ; Development of reticula-endothelial system, **Nicol & others** ; Development of sclera and choroid, **O'Rahilly** ; Blastoderm study, **Overton** ; Heterogeneous inductions, **Pasternak & McCallion** ; Myogenesis in cell culture, **Ressique** ; Cellular death in morphogenesis, **Saunders & Gasseling** ; Formation of erythrocytes, **Schmekel** ; Carbonic anhydrase activity, **Shepard** ; Mitotic activity of epidermis, **Shtekher** ; Blastoderm development, **Spratt & Haas** ; Development of Müller canal, **Thiébold**.

Experimental Embryology.—**Blackwood, Girard** ; **Lakshmi** ; **Fell** ; **Silver** ; **Spratt & Haas** ; **Biggars & Heyner** ; Development of fibres, **Courtesy & Deneffe** ; Origin of trigeminal ganglion, **Ham** ; **burger** ; Electrical studies of hypothermic effects, **Peters, J. J. & others** ; Action of actinomycin D, **Pierro** ; Sulphydryl inhibition, **Pohl & Brachet** ; Formation of body wall, **Seno**.

SEX AND GENETICS

General.—Oviduct of the hen, **Chakravorti** ; Sex organs, **Dominic** ; Induced sexual development in

a finch, **Ferrand** ; Abnormal sexual development, **Gottschalk** ; Functions and causes of sexual dimorphism, **Hamilton**, T. H. ; Effects of photoperiod prolongation on gonads of *Zosterops* sp., **Hirano** & others ; Free-martinism, **Lutz-Ostertag** & **Didier** ; Syn-tubular condition in testis of owls, **Thapliyal** ; Growth of testes of chickens, **Wolfe** & others.

Sexual Periodicity.—Photoperiodism, **Engels** ; **Farmer** ; **Fraps** ; **Kirkpatrick** ; **Wolfson** (1) ; In transequatorial migrants, **Engels** (1) ; Photoperiodic control, **Farmer** ; Photoperiodism in fowl, **Fraps** ; Brood patch development in domestic canaries, **Hinde** ; Spermatogenesis of migrants wintering in Africa, **Lofts** (1) ; In tropical Africa, **Naurois**.

Hybrids.—**Taibel** ; Natural hybridization in sparrows, **Golovanova** & **Pepov** ; Silverbill \times Bengalese Finch, **Harrison**, C. J. O. ; Wigeon \times Teal, **Harisson**, J. M. (1) ; Grassfinch, **Immelmann** (3) ; Testicular activity in a duck, **Lutz-Ostertag** & **David** ; Finch, **Mainardi** (2) ; Eider ducks, **Pettigill** ; Ducks, **Popescu** ; Red-crested Pochard \times White-eye, **Sage** ; Geese, **Sterbetz** ; Curassows, **Taibel** (2).

Genetics.—Turkey-chicken immunology, **Hasek** & others ; Immunological relationships, **Mainardi** (3) ; Erythrocytic antigens in pigeons, **Shaw**.

HABITS AND ECOLOGY

General Problems.—Sight records, **Anon.** (5) ; Start and end of daily activity, **Aschoff** & **Wever** ; Energy requirements of tropical finches, **Cox** ; Daily activity of waders, **Denisova** ; Escaped cage birds, **Dieselhorst** ; Winter subalpine fauna of the Caucasus, **Drozdov** & **Zlotin** ; Bipedalism, **Du Brul** ; Salt preferences, **Duncan**, C. J. ; Daily rhythm, **Gál** & L. Tinbergen's hypothesis of rôle of search images, **Gibb** (1) ; Habitat preferences in Texas, **Hamilton**, T. H. (1) ; Seasonal acclimatisation, **Hart** ; Locomotor mechanisms of birds, **Hartman** ; Behaviour in ducks, **Johnsgard** (1) ; Trouble factor in ecology, **Jurgenson** ; Influence of climate on distribution of birds in tundra, **Kischinskii** ; Influence of anthropogenic factors on fauna Volga delta, **Lugovoi** ; Bird species diversity, **MacArthur** ; Rôle of river valleys, **Malamusov** ; Speciation in Australia, **Keast** ; History of penguins, **Marples** ; Activities study in Austria, **Mayer** ; Organization and evolution of mixed flocks of neotropical spp., **Moynihan** (2) ; Viviparity and avian reproduction, **Simkiss** ; Predators and prey interrelations, **Sludskii** ; Cold weather effects, **Steinbacher** (2) ; Birds of forest zone, **Toropanova** & **Dubinin**.

General Habits : Single Species.—Cactus Wren, **Anderson**, A. ; Tree Sparrow, **Berck** (2) ; Tree Sparrow, **Deckert** ; Behaviour of lovebirds, **Dilger** ; Estrella Hummingbird, **Dorst** (1) ; Magpie Goose, **Frith** & **Davies** ; Green Bee-eater, **Gazanchyan** & **Mustafaev** ; Cock-of-the-Rock, **Gilliard** ; Black-capped Vireo, **Graber**, J. W. ; Behaviour and phylogeny of New World Jays, **Hardy** ; Blackbird, **Havlin** ; Australian Grass finches, **Immelmann** ; Great Tit, **Likhachev** (1) ; Wattled Starlings, **Liversidge** ; Kamtschatkan Capercaillie, **Lobko-Lobanovskii** & **Zhilin** ; Game birds in N. Caucasus, **Malamusov** ; Woodpigeon, **Murton** & **Isaacson** ; Karoo Prinia, **Rowan** & **Broekhuysen** ; Crested Guinea Fowl, **Skend** ; Adelie Penguin, **Sapin-Jaloustre** ; Black-and-White Manakin, **Snow** ; House-Sparrow, **Sum-**

mers-Smith ; Coot, **Wagner** ; White-tailed Eagle, **Willgoths**.

Psychology.—Popular account, **Allen**, A. A. (2) ; Brightness contrast experiments on a pigeon, **Blough** ; "Cut-off" acts and postures, **Chance** ; Gull chicks pecking, **Hailman** ; Method for sensory scaling, **Herrnstein** & **Van Sommers** ; "Imprinting" problem, **Hinde** (1), **Fabricius**, **Guiton**, **Krujft**, **Salzen**, **Sluckin**, **Smith** ; Experiments in learning with wild ducklings, **Kloper** & **Gottlieb** ; Development of behaviour in precocial birds, **Nice** ; Birds' song in nesting season, **Ovchinnikova** ; Temporal discrimination in pigeons, **Reynolds** & **Catania** ; Experiments in learning with different sized fowls, **Stichmann** (1).

Territorial Habits.—Woodpeckers, **Blume** (2) ; American Redstart, **Ficken** (1) ; In domestic fowls, **McBride** & **Foerster** ; Review, **Peters**, D. S. ; Song Sparrow, **Tompa**.

Courtship and Display.—Paradise Rifle-bird, **Everitt** ; Cock-of-the-Rock, **Gilliard** ; Spruce Grouse, **Lumsden** ; Great Snipe, **Karpovich** (1) ; In peacocks, **Krujft** (2) ; Bush-tanagers, **Moynihan** ; Swinhoe's Snipe, **Naumov**, R. L. (1) ; Swaying display of Vireos, **Nolan** ; Bowerbirds, **Warham** (1) ; Tian-Shan Black Grouse, **Zverev**.

Voice and Song.—American birds, **Davis**, L. I. ; Lyrebird, **Halasoff** ; Blackbird, **Hall-Craggs** ; Function of nocturnal call notes by migratory birds, **Hamilton** (3) ; Black and Yellow Rails, **Kellogg** ; Juncos hand-reared, **Marler** & others ; White-crowned Sparrow, **Marler** & **Tamura** ; High-noon songs, **Miller**, L. (2) ; Why do birds sing? **Murie** ; Sounds uttered in nesting season, **Ovchinnikova** ; Passerines, **Roblin** ; Recording methods, **Thielcke** (1) ; Biology of vocal expression, **Thorpe** ; Ultrasonic components, **Thorpe** & **Griffin** ; Speech ability of the Raven, **Valera**.

Miscellaneous Habits.—Bird pellets, **Aldred** ; Head-scratching of parrots as taxonomic character, **Breton** & **Immelmann** ; Birds as removalists, **Chisholm** (1) ; Anting, **Chopard** ; Use of spine as tool by Galapagos finch, **Eibl-Eibesfeldt** & **Sielemann** ; Awakening time of birds, **Fisher** ; Anting, **Gunston** ; Weight lifting capacity, **Huey** ; Pecking related to heat, **Hutchinson** & **Taylor** ; Imitators, **Maury** ; Hostile display by gulls, **Moynihan** (1) ; Bathing habits in doves, **Nicolai** ; Anting by mallard, **Salmon** ; Foot-paddling in gulls, **Tinbergen** (1) ; Behaviour in solar eclipse, **Tomek** ; Behaviour in dense flocks of caged canaries, **Tsuneki** ; Dew bathing and drought in passerines, **Verbeek**.

Food Habits : General.—Raptor predations on bats, **Baker**, J. K. (1) ; Insectivorous birds in tundra, **Chernov** ; Insects as food of arctic birds, **Chernov** & **Uspenskii** ; At coast sewer outlets, **Clegg** (1) ; Food competition between game and non-game birds, **Davison** ; Some African notes, **Drower** & others ; Population-dynamics, **Falset** ; German studies, **Gerber** ; Liquid food of young flamingos, **Lang** & others ; Snow eating, **Lihrl** ; White-eyed Vireo, **Nolan** & **Woolridge** ; Feeding frequencies of songbirds, **Peiffer** & **Keil** ; Feeding of nestlings by vegetative food, **Prokof'eva**, **Prokof'eva** (2) ; Passerines which eat blackberries, **Scott**, R. E. ; Ichthyophagous birds, **Skokova** ; Analysis and catalogue of birds' foods, **Turcek**.

Food Habits : Single Species.—Green Bee-Eater, **Gazanchyan & Mustafaev** ; Carrion Crow, **Ishunin & Maksimov** ; Steppe-Buzzard, **Ivanov** ; Paradise Flycatcher, **Kovshar** ; Hooded Crow in the Volga delta, **Lugovoi & Kurochkin** ; Steppe-Buzzard, **Likhachev** ; Sand Martin nestlings, **Pavlova** ; Nestlings of Wren, **Prokof'eva** (1) ; Birds of prey in Kazakhstan, **Shubin** ; Tian-Shan Black Grouse, **Zverev**.

Nidification : General.—Birds nesting in aircraft, **Bridgman** ; Experimental study of mechanisms in a Weaverbird, **Collias** ; Geographical variability, **Danilov & Tarchevskaya** ; Clutch-size experiments with domestic canaries, **Dunham & Clapp** ; Popular account, **George, J.** ; Selection of nest material by canaries, **Hinde & Steel** ; In a privet hedge, **Höppner** ; Adaptive significance, **Irwin** ; Nest-boxes breeding birds, **Likhachev** (1) ; Queer nests, **Rett & Hopkins**.

Nidification : Single Species.—Long-eared Owl in Moscow Botanical garden, **Bel'skii** ; Steppe-Buzzard, **Ivanov** ; Rosy Finch, **Kapitonov** ; Starling, **Karpovich** ; Pied Flycatcher, **Karpovich** ; Slender-billed Nutcracker, **Karpukhin** ; Kingfisher, **Kartashev** (1) ; Paradise Flycatcher, **Kovshar** ; Brown Accentor, **Kydryaliiev** (1) ; Steppe-Buzzard, **Likhachev** ; Swinhoe's Snipe, **Naumov, R. L.** (1) ; Crested Honey-Buzzard, **Neufeldt & Nechaev** ; Sand Martin in Central Russia, **Pavlova** ; Streaked Scrub Warbler, **Potapov** ; Azure-winged Magpie in Transbaicalia, **Prokof'ev** ; Waders in Cisazovian, **Ochapovskii** ; White-necked Swift, **Rowley & Orr** ; Common Mynah in Kara Kum desert, **Sapozenkov** ; Tufted Duck, **Shilo** ; Yellow-breasted and Pine Bunting, **Shkatulova** ; Brown Dipper, **Stepanyan** ; Linnet, **Strokov** (1) ; Common Curlew, **Zhelzin** (1).

Nidification : Regional Studies.—Truk Island, Pacific, **Brandt, J. H.** ; In the high Andes, **Dorst** ; Smoky Mts., Tennessee, **Ganier** ; Australian notes, **Gladstone** ; Netherlands, **Hellebrekers** ; Vendée, France, **Labitte & Languetif** ; Central Siberia, **Naumov, R. L.** ; Morelos, México, **Rowley** ; Belgium, **Nef**.

Brood Parasitism.—Australian notes, **Chisholm** (2) ; Cowbirds in Nebraska, **Hergenrader** ; Possible endocrine basis, **Höhn** ; Catbird raises young cowbird, **McGreen** ; Cowbird hosts, **Terrill**.

Incubation and Fledging Periods.—Experimental study of incubation, **Dol'nik** ; The constancy of incubation, **Skutch** (2) ; Wood Duck, **Stewart**.

Flight.—Soaring flight, **Cone** (1) ; Dimensional relationships, **Graenewald** ; Flight velocity by Doppler frequency, **Lanyon** ; Review, **Savile** ; Evolution of peculiarities in waders, **Stegmann** (1) ; Silent flight of owls, **Thorps & Griffin** ; Aerodynamics of soaring bird flight, **Vinogradov** ; Power in flapping flight, **Weis-Fogh**.

Homing and Orientation.—Experiments with Pintails, **Hamilton, W. J. III** (1) ; Celestial orientation experiments, **Hamilton, W. J. III** (2) ; Internal clocks, **Schmidt-Koenig** ; Experiments, **Hoffman, K.** ; Significance of "nonsense" orientation, **Matthews** ; Night flight of carrier pigeons, **Saint Paul** ; Experiments with Bank Swallow (or Sand Martin), **Sargent** ; Star navigation, **Sauer** ; Does celestial navigation exist, **Wallraff**.

Migration : General.—**Dorst** (3) ; Historical background, **Cooke, C. H.** ; Thermal convection across Sahara, **Bowbeer & Stewart** ; Riddles, **de Vos** ; Palearctic ducks and waders in tropical Africa, **Dorst** (2) ; Radar's contribution, **Eastwood** ; Mediterranean notes, **Elliott, H. F. J.** ; "Reversed direction", **Erz** ; Calculation of the "bee line" between places, **Fredera** ; Effectiveness of radar, **Graber & Hassler** ; Calculation of distances flown by ringed birds, **Kern** ; Radar evidence of orientation, **Lack** (1) ; Annual periodicity, **Marshall, A. J.**, **Wolfson, A.** ; Moult and migration, **Mikheev** ; Radioactivity of northern birds, **Niethammer & Sauerbeck** ; Studying migration by moon-watching, **Nisbet** (1) ; French account, **Paquet** ; An observatory aviary, **Richardson** ; Reversed migration, **Seilkopf** ; South American changed habits, **Tour** ; Experimental stimulation, **Weise** ; Autumn migration in Great Britain, **Williamson** (5) ; "Leading line" behaviour, **Williamson** (6) ; Physical limitations on migration, **Yapp** (1).

Migration : Single species.—European thrushes, **Ashmole, M. J.** ; Bobolink, **Hamilton, W. J. III** ; Common Tern, **Lebedeva** ; Waterfowl in Mangyshlak peninsula, **Molodovskii** ; Woodpigeon, **Murton & Ridpath** ; Hawk migrations around the Great Lakes, **Pittinghill** ; Corvidae in Volga basin, **Prikloskii, Nekrasov** ; Geese in France, **Rous** ; Spoonbill, **Glossy Ibis and Herons, Sapetin** ; Lapwing in Volga basin, **Sapetina** ; Black-headed Gull, **Sapetina** (1) ; Bullfinch in U.S.S.R., **Sapetina** (2) ; Caspian Tern, **Shevareva** ; Wind effect on swallows, **Schweppeburg** ; Bean Goose and Whooper Swan in Estonia, **Zhelzin**.

Migration : Regional Observations.—Radar observations in Cyprus, **Adams, D. W. H.** ; Waterfowl wintering in Danube delta, **Andone & Pashkovskii** ; Visible migration in Netherlands, **Bloem** ; Monts des Ksours, Sahara, **Blondel** ; Gibraltar, **Brosse** ; Southern Sweden, **Carlsson** ; Brettolet Pass, **Crousez** ; Cape Clear, Co. Cork, **Dobinson** ; Radar studies of songbird migration in coastal New England, **Drury & Keith** ; Rathlin I., Co. Antrim, **Ennis** ; Camargue, **Erard** (1) ; Autumn migration on Heligoland, **Feeny** ; Switzerland, **Géroudet** (3), **Paccaud** ; Mortality at Lake Superior, **Green** ; West Siberia, **Gyngazov** ; Trans-Caribbean migration, **Hailman** (1) ; Czechoslovakia, **Hudec** ; Reptors in eastern Mediterranean, **Kumerloeve** (4) ; Southern North Sea in June and July, **Lack** ; Radar films of migration over eastern England, **Lack & Eastwood** ; English east coast, **Lack & Parslow** ; English inland points, **Dobinson** ; Southern England, **Parslow** ; Tennessee, **Laskay**, M. R. ; Lyon, France, **Lebreton** ; Migrants at British weather-ships, **McLean & Williamson** ; Spring migration in Sweden by radar, **Mascher, Stott & Wallin** ; Mangyshlak peninsula, **Molodovskii** ; Mexico, **Phillips, A. R.** ; Indigirka delta, **Prikloskii, Beme & Uspenskii** ; Zarafshan valley, **Sagitov** ; Japan and Okhotsk Seas, **Shunov** ; Lippe, Germany, **Toll** (1) ; Visible migration at Falsterbo, Sweden, **Ulfstrand** ; Bet-Pak-Dala desert in S. Kazakhstan, **Vinokurov** ; Mangyshlak peninsula on Caspian sea, **Zaletaev** (1).

Bird Ringing : Methods.—Protection of traps from raptors, **Berger & Hamerstrom** ; Waders on sands, **Millin** ; Bow-net trap for ducks, **Salyer** ; Popular account, **Spencer** (1) ; Latvia, **Spuris** ; Trap for catching doves, **Vaul & Gerae** (2).

Bird-Ringing : **Results**.—West Africa, **Anon.** (10) ; Belgium, **Anon.**, **Arnhem**, **Verheyen** (2) ; Biarritz, **Barriety** ; Spain, **Bernis** ; Portugal, **Tait** ; Devon, **Cabot** ; Reflections, **Dachy** & **Delmée** ; Camargue, **Hoffmann** ; Norway, **Holgersen** (1) ; Denmark, **Johansen** ; Belgium, **Lippans** ; Hungarian recoveries, **Keve**, **Patkai** ; California, **McClure** ; Florida, **Loftin** ; Finland, **Nordström** ; Argentina, **Olrog** ; Netherlands, **Perdeck** ; Rook in Ryazan province, **Prikhonskii** & **Sapetin** ; Black-headed Gull, **Radford** ; Yugo-Slavia, **Rucner-Kronisel** ; Black-headed Gull in Central Russia, **Sapetin** (1) ; Sand Martin in Central Russia, **Shevareva** & **Sapetin** ; Great Britain, **Williamson** & **Spencer** ; Note, **Young**, H. ; Oka preserve, **Zykova**.

Ecology : **Regional Studies**.—Monts des Ksours, Sahara, **Blondel** (1) ; A montane rainforest in Southern Rhodesia, **Brugger** ; Reduced interspecific competition in Bermuda, **Crowell** (1) ; In scrub under tall trees, **Ferry** ; Effect of fires in a Florida swamp, **Cypert** ; Tundra west of N. Urals, **Glazkov** (1) ; Feeding habits in tropical rain forest, **Harrison**, J. L. ; Kirghiz Range (Tian Shan), **Kuznetsov** ; Tian Shan (Kirghiz range), **Kuznetsov** (1) ; Study of boreal shorebirds summering in Florida, **Loftin** ; Gulf of Morbihan, **Mallet** & others ; In town gardens, **Merkel**, M. ; Social system of American Blackbirds (*Agelaius*), **Orians** ; Camargue, **Port** ; Slovakan river, **Turček** (1) ; Guadalquivir delta marshes, **Valverde**.

Population Studies.—Passerines in a swamp in Massachusetts, **Anderson** & **Maxfield** ; Breeding success at a mixed "herony" in Ghana, **Bowen** & others ; Ducks and geese, **Boyd** ; Partridges, **Blank** & **Ash** ; Red Grouse, **Jenkins** & **Watson** ; Reliability of bird census, **Enemar** ; Willow Warbler, **Frieswijk** & **Bresser** ; Sea-birds at Murman coast, **Gerasimova** ; Eight-year trend in quail and dove call counts, **Golley** ; Marking Ruffed Grouse, **Gullion**, **Eng** & **Kupa** ; Wildfowl nest traps, **Miller**, W. R. ; Hazel-Grouse in Karelia, **Ivanter** ; Census of geese in Denmark and Sweden, **Jensen** & others ; Tropical species diversity, **Klopfen** & **MacArthur** ; Backtag markers for pheasants, **Labisky** & **Mann** ; Claptrap for Sand Grouse, **Christensen** ; Whooper Swan in Urals, **Danilov** ; Pied Flycatcher, **Likhachev** (1) ; Prediction from habitat measurements, **MacArthur** & **Preer** ; Techniques, **Nef** (1) ; Wild Duck counts in Sweden, **Nilsson** (2) ; Rook in Central Russia, **Osmolovskaya** ; Capercaillie, Crane and Grey Heron in Central Russia, **Prikhonskii** & **Teplov** ; Waterfowl in the Oka basin, **Priukhonskii** & **Teplov** ; Sand Martin in Central Russia, **Shevareva** & **Sapetin**.

Conservation.—Flamingo rescue, **Anon.** (6) ; Cornell University's sanctuary, **Allen**, A. A. ; Argentina, **Aramburu** & others ; Rest places for migrants, **Buck** ; Fresh-water impoundment in Ontario, **Boyer** & **Devitt** ; Chimbut plume traders in New Guinea, **Bulmer** ; Migratory birds convention act, **Canada** ; Australian rare fauna, **Condon** ; Thrushes in East Germany, **Creutz** (4) ; Bear River, Utah, **Cruckshank** ; Winter quarters of birds at S.E. Caspian, **Dobrokhotov** ; Germany, **Drost** ; New Zealand, **Edgar** ; Bird sanctuary in Transvaal, **Farkas** ; Greenland, **Gam** & **Rosendahl** ; Birds killed in fishing nets in Iceland, **Gardarsson** ; Biological control of waterweeds, **Grizzel** & **Neely** ; Wildfowl in Europe, **Gudmundsson** & others ; A gravel pit reserve, **Harrison** & **Olney** ; Cape Town, South Africa, **Hey** ; Egrets in Camargue, **Hoffmann** & **Kunz** ; Managed

goose hunting in Wisconsin, **Hunt** & others ; Impoundments for wildfowl in Michigan, **Kadlec** ; Estonia, **Kumari**, **Karpovitch** & **Skokova** ; In house and home, **Löhr** (5) ; Nest-boxes attacked by woodpeckers, **Mountford** ; Eagles and grasslands, **McMillan** ; Mauritania, **Nauoris** (2) ; Saline soil and brackish waters, **Neely** ; New Zealand, **Nelson**, R. C. ; Artificial duck nests, **Oleinikov** ; Isla Raza, Gulf of California, **Peterson** ; Reserves for waterfowl, **Philippoma** ; French marshes, **Roux**, F. (1) ; Prairie nesting ducks, **Salyer**, **Cringan** & others ; Duck hunting control, **Sieh** & **Aspelmeier** ; Bird sanctuary, **Spuris** & **Shmit** ; Insectivorous birds in Moscow, **Štrokov** ; Prairie management techniques, **Tester** & **Marshall** ; Resources of the Soviet Arctic, **Uspenskiy**.

Economics.—Effect of DDT on sperm production in fowl, **Albert** ; Seed-dressing residue in eggs, **Ash** (1) ; Woodpeckers and spruce beetles, **Baldwin**, P. H. ; Toxicity of a herbicide, **Bergstrand** & **Klimstra** ; Swans and fisheries, **Brennecke** ; Spray planes, and dead wildlife, **Carson** ; Effects of moth control spraying, **Douglass** ; Fish-eating birds and salmon in Canada, **Elson** ; Management of pheasants, **MacMullen** ; ditto quail, **Frye** ; ditto Mourning Dove, **Peters**, H. S. ; Birds eating corn borers, **Fankhauser** ; Control of Spanish Sparrow, **Gavrilov** (1-4) ; Ecology of birds of Kainafaroa Forest, New Zealand, **Gibb** ; Sea birds as indicator for whalers, **Gudkov** ; Importance of genotype and environmental factors in poultry, **Hull** & **Gove** ; Waterfowl and crop losses, **Hammond**, **Stephen** ; Control by gametocides, **Davis**, D. E. ; Russian study of sparrow, **Ilienko** ; Birds and fruit-trees, **Lehmann** (1) ; Wild turkeys in Missouri, **Lewis** ; Red-winged Blackbird in Virginia, **Meanley** ; Toxic chemicals and bird ecology, **Moore**, N. W. ; Forest insects and birds, **Osmolovskaya** ; Sparrows control in Tadzhikistan, **Popov** ; Birds in Argentina, **Pergolani de Costa** ; Food of nestlings of forest birds, **Prokof'eva** ; Bird repellents for seeds, **Royall** & others ; Ichthyophagous birds, **Skokova** ; Fruit blossom damage by Redpoll in New Zealand, **Stenhouse** ; Birds' control of pinelooper moth infestation, **Tichy** & **Kudler** ; Quail management on strip-mined lands, **Vohs** & **Birkenholz** ; Artificial insemination of ducks, **Watanabe**.

Introduction and Naturalisation.—Red Junglefowl in the Philippines, **Parkes** (1) ; Interaction of birds in New Zealand, **Turbott**.

Aviculture.—**Creutz** ; **Hackinger** ; **Steinbacher** & **Wolters** ; Pheasants, **Gerrits** ; Pheasants, **Johnson**, F. E. B., **Jones**, T. ; Breeding of Condors, **Lint** ; Colies, **Lint** (2) ; Tragopan Pheasants, **Märk** ; Births and deaths in Paris Zoo, **Nouvel**, **Rinjard** & **Pasquier** ; Budgerigar breeding, **Rogers** ; Frankfurt Zoo, **Scherpner**.

Longevity.—Kite 24 years old, **Burnier** ; Oystercatcher 34 years old, **Goethe** & **Kramer** ; South African finches, **Hindley** ; South African records, **Middlemiss** & **Skead**.

Parasites.—Of Pacific Fulmar, **Dunn** ; Ticks, **Gorchakovskaya** & **Chunilkin** ; Transfer of ticks and fleas by birds, **Gusev** & others ; Trematoda, **Gvozdev** ; Insects in birds' nests, **Hicks** ; Helminths in gulls, **Kozupko** ; Helminths of the Hooded Crow, **Lugovoi** & **Kurochkin** ; Ticks and mites, **Meklenburgtsev** (1) ; Relationship of ectoparasite load to host size, **Mohr** & **Stumpf** ; Trematoda in **Rallidae**, **Pav-**

lov ; Trematodes of birds, **Bykhovskaya-Pavlovskaya** ; Beetles in birds' plumage, **Sage** (6) ; On migrating birds, **Worth & Downs** ; Birds of prey at Caspian sea, **Zablotzkii**.

Enemies and Defence.—Waterfowl and eagle, **Hauri** (1) ; Kestrel killed by crows, **Sage** (7) ; Predators and waterfowl, **Khusainov** ; Bats occupants of nest-boxes, **Likhachev** (2) ; How nestlings defend themselves, **Skutch** (5) ; Significance of bird calls, **Voipio**.

Pathology and Disease.—Mycosis in penguins, **Appleby** ; Tumour cells, **Bolognari** ; Toxoplasmosis in Sweden, **Borg** ; A teal with only one wing, **Capt** ; Grebes in Lake Neichatel, **Capt** ; Rookeries as foci of some diseases, **Gusev** ; Birds contributing to dispersal of ectoparasites, **Gusev** (1) ; Foot tumour, **Harrison & Hovel** ; Rôle of birds in epizootiology of encephalitis, **Herman** ; In passerines' skeletons, **Ijitschew** ; Migratory birds as disease carriers, **Janisch** ; Western equine virus in migratory birds, **Johnson**, H. N. ; Linnets blinded by seeds of bur-marigold, **Langvford** ; Blackbird's collapsed eye, **Harris** (2) ; Eastern encephalitis virus in House Sparrows, **Locke** & others ; Finch with mange, **Macdonald**, J. W. ; Mass death of terns, **Rowan** ; Arbovirus investigations in Alabama, **Stamm** & others ; **Salmonella** in waterfowl, **Steiniger** ; In Wisconsin waterfowl, **Trainer** & others ; Nematodes in Pelecaniformes, **Owre**.

Mortality.—By seed heads, **Alder** ; In grass fire, **Hodson** ; Secondary DDT poisoning, **Bernard** ; European plovers and waders, **Boyd** (1) ; New Zealand seabirds, **Bull & Boesen** ; Magpie killed by porcupine quill, **Carter** ; Survival curves of some birds in London Zoo, **Comfort** ; Brown Thrasher, **Ferguson** ; Robin caught in burdock, **Gárdonyi** ; At Minnesota towers, **Greene, Strnad** ; Road casualties, **Hodson** (3) ; Waders caught by cockles and mussels, **Hori** (1) ; Due to buried bushes on highways, **Johnson**, M. L. & S. ; Blow fly larvae, **Lee** & others ; Oiled birds, **L'Hardy** ; On motor roads, **Martens** (1) ; At TV tower, **Nero** ; Snake and lizard predators, **Pitman** ; Waterfowl predation by pike, **Pitman** (1) ; By snapping turtle, **Pitman** (2) ; In 1959 winter, **Reichert** ; Oiled victims, **Ridder** ; Gull hung in tree, **Riley & Miller** ; Hurrican Donna, **Robertson & Muller** ; Herons killed by hail storm, **Rysgaard** ; Owls feeding on young sea-birds, **Saunders**, D. R. ; Electric fences, **Tate** ; Egret's unusual death, **Weigel**.

III.—DISTRIBUTION

(a) GEOGRAPHICAL PALAEARCTIC REGION

British Isles.—Anon. (4), **Phillips**, A. R. (3), **Swaine, Wilde**.

England.—Dollis Hill, London, **Simms** ; Cheshire, **Bell** ; Hertfordshire, **Robson, Gladwin, Lloyd-Evans, Sage** (8), **Devlin, Jenkins & Lloyd-Evans** ; Essex, **Parker**, M. T., **McSweeney** ; Middlesex, **Coath, Moxey & Seel, Pickess** ; Sidcup, Kent, **Holroyde** ; Canterbury, Kent, **Munnings** ; Croydon, Surrey, **Broadhurst** & others ; Sussex, **Ticehurst, Wright** ; Winchester, Hampshire, **Cheke** & others ;

Isle of Wight, **Stafford** ; Dorset, **Bull, A. J. & others, Riley & Cooke** ; Wiltshire, **Barnes & others** ; Marlborough, Wiltshire, **Halliday & Randolph** ; Bristol, **Chadwick** & others ; Gloucestershire, **Charteris & Swaine** ; Warwickshire, **Bradford, Hardman & Lowe** ; Coventry, Warwickshire, **Jenkins, J. H.** ; Cumberland and Westmoreland, **Stokoe** ; Northumberland & Durham, **Bell, Briggs, Coulson** ; Yorkshire, **Swabey & Aubrook, Rhodes, Gilpin** ; Nottinghamshire, **Trent Valley** ; Huntingdonshire, **Tebbutt** ; Suffolk, **Beecroft & Curtis, Payn**.

Wales.—Gower, **James, A. F.** ; Southwestern, **Lockley**.

Scotland.—**Campbell, J. W.** ; Sutherland, **Pennie**.

Ireland.—**Cabot** (1), **O'Rourke**.

Smaller British Islands.—Lundy, **Anon.** (9), **Ogilvie & Gade** ; Skomer I., **Anon.** (8), **Saunders, D. & St. Kilda, Waters** ; Fair Isle, **Nisbet** ; Shetland, **Moussaye** ; Farne Is., **Coulson & Hickling, Hickling, Nisbet**.

France.—**Anon.** (5), **D'Abadie, Isenmann** ; Alpes-Maritimes, **Ferry & Hortigue** ; Haute-Savoie, **Lebreton, Formon & Tachet** ; Bourgogne, **Vogüé** ; Camargue, **Hoffmann, Penot** ; Côte d'Azur, **Mar-tens** ; Eure-et-Loir, **Labitte** ; Finistère, **Viellard** ; Haute-Saône, **Erard** ; Lorraine, **Hulten** ; Marne, **Erard & Menuel** ; Morbihan, **Baudouin-Boden & Morio** ; Vendée, **Labitte & Languetif**.

Belgium.—**Arnhem, Delvingt, Huyskens & Voet, Nef, Lippens** ; **Herroelen, Spaepen** ; Limbourg, **Rappe** (1) ; Spa, **Rappe**.

Netherlands.—**Anon.** (2), **Bequaert, Block & Spaans, Hens** & others, **Lathbury & Bierman, Philipponna, Timmerman, Braaksmma, Knippenberg & Langenhoff, Kate, Kluijver & Voous, Dijk, Perdeck, Ten Kate, Hellebrekers, Cingel, Foyer, Kluyver, Wittgen**.

Luxemburg.—**Hulten & Wassenich**.

Denmark.—**Behrends, Henningsen, Hansen, Johansen & Bjerring**.

Iceland.—**Gardarsson, Waag, Kowalski**.

Sweden.—**Curry-Lindahl, Ahlin & Lennérstedt, Eriksson, Lindberg & Stigh, Palsson & Flach, Roos, Hogström, Joensen & Preuss, Theman, Wahlstedt, Karlsson, Gerell, Cedergren, Mathiasson, Nilsson, Hartman, Markgen, Mathiasson, Ulstrand** ; Östergötland, **Anden & Hedenström**.

Norway.—**Abelsnes, Holgersen, Myrberget, Nordnes, Nilsson** ; Lofoten Is., **Gnadt** ; Nordland, **Lovenskiold & Valeur** ; Rundoy, **Brun**.

Spitzbergen.—**Kristoffersen, Münch**.

Finland.—**Pöyhönen, Soikkeli, Helminen & Viramo, Hilkka, Kreuger, Hytönen, Komonen, Pulliainen**.

U.S.S.R. European Territory.—**Bolshzemelskaya tundra, Gladkov** (1) ; Estonia, **Ling** ; Kola peninsula, **Kiashchinskii** ; Krasnodar region, **Ochapovskii** ; Ukraine, **Miczynski, Voinstvens'kii & Kistyakivs'kii** ; Franz-Joseph Land, **Parvovsgchikov** ; White Sea, **Spanenberg & Leonovich**.

U.S.S.R. Siberia.—Baikal Lake, **Gusev**, O. K. ; N. Baikal, **Gusev**, O. K. (1) ; North of Central Siberia, **Syroechkovskii** ; Ussuriland, **Spangenberg** ; Central Yakutia, **Larionov**, G. P. (1) ; N. Yakutia, Lower Lena, **Kapitonov** (1), **Naumov** & **Labutin**, Indigirka delta, **Priklokskii**, **Benne** & **Uspenskii** ; N.E. Yakutia, **Uspenskii** & others ; N.W. Yakutia, **Glazkov** & **Žaletaev** ; Arctic Yakutia, Tiks Bay, **Glazkov** ; Commander Islands, **Marakov** ; Taiga area, **Toropanova** & **Dubinin** ; Yenisei Taiga, **Syroechkovskii** & **Rogacheva** ; Kamchatka, **Ostromov** ; Barents Sea, **Belopol'skii**.

U.S.S.R. Caucasus.—**Drozdov** & **Zlotin** ; N.W. Caucasus, **Volchanetskii**, **Puzanov** & **Petrov** ; Little Caucasus, **Zhordanova** ; Black Sea area, **Pusanov** & **Nasarenko** ; Georgia, **Zhordanova**.

U.S.S.R. Kazakhstan and Middle Asia.—Kazakhstan, **Gavrin** & others ; S.W. Turkmenistan, **Shukurov** ; Uzbekistan, **Meklenburgtsev** ; Kazakhstan, **Dolgushin** ; Winter fauna of Kurgaljin, **Krivitskii** ; Pamirs, **Abdusalyamov** ; Tian Shan, **Kuznetsov** (1) ; Western Tian Shan, **Kuznetsov** ; Tian Shan (Son-Kul and Chatyr-Kul lakes), **Kydyraliev**.

Poland.—**Fischer**, **Dyrz**, **Luniak**, **Pomarnacki**, **Michałak** ; Barycz Valley, **Mrugasiewicz** & **Witowski** ; Carpathian Mts., **Wolk**.

Switzerland.—**Capt. Magnanet**, **Roux**, G., **Strahm**, **Géroudet**, **Glutz**.

Germany.—**Ehrlich**, **Creutz**, **Hollerbach**, **Kinzelbach**, **Sunkel**, **Wobus**, **Englander** & **Johnen**, **Brinkmann**, **Toll**, **Reichert**, **Meise**, **Gothe**, **Milenz**, **Oehme**, **Ohler**, **Schildmacker**, **Schönert**, **Brandt** & **König** ; Bavaria, **Haas**, **Heer**, **Lohmann**, **Wüst** ; Bislicher I., R. Rhine, **Schnicker** & **Eberhardt** ; Borkum I., **Peitzmeier** ; Föhr I., **Kumerlovee** (6) ; Heligoland, **Breed** ; Mark Brandenburg, **Steinbacher** (1) ; Neusiedler See, **Kinzelbach** ; Oberlausitz, **Creutz** (1) ; Osnabrück, **Brinkmann** (2) ; Rhein Valley, **Neubaur** & others ; Saxony, **Heyder** (1), **Schoen nagel** ; Swabia, **Steckermeier**, **Steinbacher** (3) ; Tscheljabinsk Waldsteppe, **Schneider** ; Würzburg, **Schnabel**.

Austria.—**Erlach**, **Firbas**, **Kapla** & **Schuster**, **Klimsch**, **Schönbeck**, **Wruss**, **Sigl** & **Wruss**, **Warnacke** (3) ; Linz, **Donner** & **Höninger** ; Tirol, **Guerra** (1).

Czechoslovakia.—**Knobloch**, **Fiala**, **Matousek**, **Pikula**, **Turček**.

Hungary.—**Mountfort** (2) ; **Agárdi**, **Balát**, **Barthos** & **Kocsis**, **Béres**, **Beretzk**, **Csaba**, **Erard**, **Gardonj**, **Györi**, **Johansen**, **Keve**, **Lelovich**, **Mátó**, **Nagy**, **Páthai**, **Radetzky**, **Schmidt** & **Sterbetz**, **Schmidt**, E., **Sterbetz**, **Szabó**, **Verte**, **Warga**.

Rumania.—**Brehme**, **Comsia**, **Pascovschi**, **Papadopol**, **Radu** & others.

Yugo-Slavia.—**Rucner**, **Szlivka**, **Marcetic**, **Andrejevic**, **Tutman**, **Mikuska** ; Dalmatia, **König**.

Bulgaria.—**Balát** (1), **Boev**.

Italy.—**Caterini**, **Moltoni**, **DiCarlo**, **Trettau**, **Warnecke** (2) ; Bergamo, **Guerra**.

Greece.—**Bezzel** (1), **Géroudet**, **Raines** ; Corfu, **Böhr** ; Rhode I., **Ralfs**.

Spain.—**Balcells** & **Maluquer**, **Jiménez**, **Maluquer**, **Balcells** & others, **Maluquer** & **Pons**, **Ristow** ; Andalusia, **Westernhagen**.

Mediterranean.—**Corsica**, **Moltoni** ; **Mallorca**, **Nadal**.

Middle East.—**Armenia**, **Nicht** ; **Turkey**, **Watson** (9) ; **Lebanon**, **Kumerlovee** (5) ; **Israel**, **Garry**, **Hovel** ; **Aden**, **Ennion**, H. E. ; **Iraq**, **Christensen**, N. H., **Marchant**.

Japan.—**Kuroda**, **Shibata**.

North Africa.—**Morocco**, **Naurois** ; **Tunisia**, **Steinbacher**, J.

Atlantic Islands.—**Annobon**, **Gulf of Guinea**, **Fry** ; **Canary Islands**, **Vicente** ; **Tenerife**, **Ennion** ; **Azores**, **Knecht**.

AUSTRALIAN REGION and POLYNESIA

Australia Commonwealth.—**Frith** ; **New South Wales**, **Croucher** ; **Illawarra District**, **N.S.W.**, **Sefton** & **Devitt** ; **Granite Is.**, **Victoria**, **Gillham** ; **Queensland**, **Amiet**, **Hopkins**, **Cassels**, **Bravery** ; **Barrier Reef**, **Warham** (2) ; **Western Australia**, **Ford**, **Sedgwick**, **Serventy** & **Whitell**, **Slater** ; **South Australia**, **Condon**, **Daley**, **Mack** ; **Tasmania**, **Mollison**.

New Zealand.—**Andrew**, **Andrew** & others, **Bull** & **Boesen**, **Caughey**, **Challies**, **Dawson**, **Edgar**, **Falla**, **Stein**, **Stenhouse**, **Wodzicki**, **Fleming**, **Jenkins**, **McCann**, **Mackenzie**, **Winter**, **Williams**, **Wright** ; **Little Barrier I.**, **Turbott** (1) ; **Campbell I.**, **Bailey** & **Sorensen**.

Pacific Islands.—**Christmas I.**, **Anon** ; **Truk Is.**, **Brandt**, J. H. ; **East Solomon Islands**, **Galbraith** ; **Heron I.**, **Moulton** ; **Ocean I.** and **Nauru**, **Pearson**, A. J. ; **Clipperton I.**, **Sachet** ; **Satchet** (1).

ETHIOPIAN REGION

West Africa.—**Elgood** & **Donald** ; **Mali**, **Malzy** ; **Senegal**, **Morel** & **Roux** ; **Senegal**, **Mouli** ; **Niokolo-Koba** national park, **Dekeyser** ; **Ghana**, **Bowen** & others ; **Nigeria**, **Rayner**, **Sibley**, **Smith**, V. W. ; **Congo**, **Bont** & **Misonne**, **Herreol** ; **Tshuapa**, **Congo**, **Schouteden** ; **Lake Leopold II**, **Congo**, **Schouteden** (1) ; **Angola**, **Traylor**.

South Africa.—**Broekhuysen**, **Clancey**, **Skead**, **Winterbottom**, **Mackworth-Praed** & **Grant** ; **Lake Dow**, **Bechuanaland**, **Smithers** ; **Zanzibar**, **Baird**, D. A.

Central and East Africa.—**Hall** & **Moreau**, **Williams**, J. ; **Ethiopia**, **White** ; **Kenya**, **Blencowe**, **Tennent** ; **Katanga**, **Ruwet** ; **Northern Rhodesia**, **Benson**, **Benson** & **White**, **Winterbottom**, **Tree** ; **Southern Rhodesia**, **Smithers** ; **Tanganyika**, **Fuggles-Couchman**, **Thomas**, D. K. ; **Mozambique**, **Pinto**.

Madagascar.—**Benson** (1), **Benson** & **Pitman** ; **Comoro Is.**, **Benson** (3).

ORIENTAL REGION

Indian Peninsula and Ceylon.—**Ripley**, **Schwarz**, S. S. ; **Sikkim**, **Ali** ; **Ceylon**, **Deraniyagala**, **Peries**.

Malaysia.—Singapore, **Hurrell** ; Malaya, **Cairns** ; Kuala Lumpur, **McClure** (1).

Indonesia.—Vietnam, **Tien** ; Philippine Islands, **Amadon, Harrison, Ripley & Rabor, Salomonsen** (3) ; Java, **Hoogerwerf** ; Borneo, **Voous** (1) ; North Borneo, **Harrison, Orolfo** ; Papua-New Guinea, **Watson** & others.

NEOTROPICAL REGION

Central America.—**Skutch** ; Caribbean, **Allen, R. P.** ; Guatemala, **Land** (1) ; Panama, **Wetmore** (1).

West Indies.—Trinidad and Tobago, **Berlioz** (1) ; Netherlands Antilles, **Hundley & Mason** ; St. John, Virgin Is., **Robertson**.

South America.—Surinam, **Humphrey & Freund, Haverschmidt** (1) ; French Guiana, **Berlioz** ; British Guiana, **Smooker** ; Georgetown, British Guiana, **Howe & Singh** ; Venezuela, **Aveledo, Gines & Gerardo** ; Colombia, **Blake, E. R., Borrero, Haffer, Olivares, Olivares & Hernández** ; Brazil, **Ruschi, Stager** ; Argentina, **Esteban, Pergolini de Costa, Partridge** ; Montevideo, **Gerzenstein, Gerzenstein & Muñoz** ; Uruguay, **Cebatarraro, Cuello & Gerzenstein, Escalante, Saccones, San Martin** ; Antofagasta Mts., Chile, **Peña**.

NEARCTIC REGION including MEXICO

Mexico.—**Phillips, A. R., Thompson, M. C.** ; Baja California, **Banks, R. C., Northern** ; Coahuila, **Ely** ; Michoacán, **Davis, J.** ; Tamaulipas, **Baker & Fleming**.

U.S.A. Pacific Coast and Rocky Mts.—California, **Denson & Bentley, Goodall, Yocom & Denson** ; Death Valley, California, **Wauer** ; Washington, **Kenyon & Scheffer, La Fave, Yocom** (1) ; Montana, **Hoffmann & Hand, Le Lap** ; Idaho, **Levy** (1) ; Wyoming, **Enderson** ; Colorado, **Stabler** ; Utah, **Ryder, R. A.**

U.S.A. South Western.—Oklahoma, **Davis & Halloran** ; Arizona, **Levy**.

U.S.A. North Central.—Minnesota, **Allin, Huber, Hofslund** ; Michigan, **Fulton, Mayfield**.

U.S.A. South Eastern.—North Carolina, **Funderberg & Quay** ; North and South Carolina, **Johnston, D. W.** ; Florida, **Sprunt, Owre** ; Tennessee, **Finucane, Ogden** ; Arkansas, **Jarves, D.**

U.S.A. North Eastern.—New York, **Beal, Bowes, Elliott, Cant, Short, Merritt, Gordon, Post** ; Delaware, **Meritt** ; Rhode Island, **Baird, J. (1)** ; Cleveland, Ohio, **Newman** ; Illinois, **Greeley & others** ; **Parmalee** ; **Techter**.

Canada.—**Saville** ; Quebec, **McNeil, Gaboriault** ; Ontario, **Baillie, Fairfield, Grant, R. A., Denis** ; Newfoundland, **Godfrey** ; Saskatchewan, **Ledingham** ; Prince Leopold I., N.W.T., **Barry** ; Bylot I., N.W.T., **Drury, W. H., Jr.** ; Prince of Wales I., N.W.T., **Manning & Macpherson** ; Ellef Ringnes I., N.W.T., **MacDonald, S. D.** ; British Columbia, **Munro, J. A., Guiguet, King, F., Edwards & Stirling, Stirling** (1) ; Vancouver I., **Anon.** (12).

Alaska.—Middleton I., **O'Farrell & Sheets**.

THE OCEANS

North Atlantic.—**Berndt** (1), **Vilk** (1) ; **Bermuda, Crowell**.

South Atlantic.—**Ascension I., Stonehouse, Ashmole, Dorward** ; **Tristan da Cunha, Owre** (1), **Voous** (5).

Indian Ocean.—**Chagos Is., Loustau-Lalanne**.

Pacific.—**South China Sea, Banks, E.**

Antarctic.—**Ingham, Novatti** ; **Heard I., Bechervaise** ; **South Georgia, Tickell**.

(b) GEOLOGICAL

Pleistocene.—**Virginia, Guilday, Wetmore** (2) ; **Hungary, Kretzoi**.

Pliocene.—**Oregon, Brodkorb**.

Miocene.—**California, Howard** (1).

IV.—SYSTEMATIC INDEX

References to the "Titles" is by the name(s) of the author(s) printed in *clarendon type*.

†ARCHAEOPTERYGIFORMES [No Record]

STRUTHIONIFORMES

STRUTHIONIDAE

Struthio camelus sleeping behaviour, **Immelmann** (1) ; eggs eaten by Vultures, **Serfontein**.

RHEIFORMES

RHEIDAE

Rhea americana breeding biology in captivity, **Faust**.

CASUARIIFORMES

DROMICEIIDAE

Dromaeus novaehollandiae learning ability experiments, **Neumann**.

†DINORNITHIFORMES

Extinction during the Holocene period, **Fleming** (1).

APTERIGIFORMES

APTERIGIDAE

Apteryx sp. **Albino, Blanchard** ; *A. oweni* records, **Scarlett**.

TINAMIFORMES

TINAMIDAE

Crypturellus rubripes validity, **Koepcke** (1).

Nothura maculosa nigroguttata food analysis and its economic value, **Bonetto** & others.

SPHENISCIFORMES

SPHENISCIDAE

Mortality from respiratory mycosis, **Appleby** ; French semi-popular account, **Dajoz** ; History of evolution, **Marbles** ; Histological structure of long bones, **Meister**.

Aptenodytes forsteri population studies, **Budd** ; skull structure, **Dzherzhinskii**.

Pygoscelis adeliae stomach stones of young, **Kuroda** (5) ; biology and ecology, **Sapin-Jalouste** ; population study at Cape Adara, **Reid** ; speed on ice and snow, **Taylor** ; biology and ecology at Cape Royds, **Taylor**, R. H. ; growth of chicks, **Taylor & Roberts**.

Spheniscus demersus suffering from malaria, **Mudrow-Reichenow**.

GAVIIFORMES [No record]

PODICIPITIFORMES

PODICIPITIDAE

Recommendations for a revised check-list of genera, **Simmons** (1).

Podiceps auritus breeding in Norway, **Nokleby** ; *P. chilensis morrisoni* subsp. nov. p. 93, **Simmons** ; *P. cristatus* mortality in Lake Neuchatel, **Capt** ; Swiss note, **Hauri** (2) ; albino, **Hofer** ; double broods in Germany, **Ullrich** ; breeding in salt water, **Warncke** ; *P. nigricollis* does it cover its eggs ? **Brockhuisen** ; *P. ruficollis* attacking other birds, **Harker** ; prey of *Accipiter nisus*, **Herren**.

Podilymbus gigas population study in Guatemala, **Bowes**.

PROCELLARIIFORMES

DIOMEDEIDAE

Breeding, distribution, history and populations in North Pacific, **Rice & Kenyon** ; spp. of the subantarctic, **Warham** (3).

Diomedea spp. study of young on Heard I., **Béchervaise** ; \dagger *D. californica* sp. nov. Miocene, **Miller**, L. (1) ; *D. epomophora* first Australian record, **Gibson & Sefton** ; *D. exulans* studies in progress, **Murray**, M. D. ; *D. immutabilis* and *D. nigripes* breeding behaviour studies at Midway I., **Rice & Kenyon** (1).

PROCELLARIDAE

Calonectris leucomelas albino, **Kuroda** (7).

Fulmarus glacialis history of spread in North Atlantic, **Fisher**, J. ; feeding behaviour, **Grim** ; note, **Taylor**, L. S. ; German observations, **Warnecke**, G.

Macronectes giganteus biology, **Warham**.

Procellaria puffinus ringing result, **Spencer** (1).

Pterodroma longirostris and *P. leucoptera* New Zealand records, **Falls**.

Puffinus griseus in Bavaria, **Wüst** ; *P. tenuirostris* nesting note, **Lane** ; erroneous record, **Eisenmann & Serventy**.

HYDROBATIDAE

Swedish note, **Helling**.

Oceanodroma castro biology at Ascension Island, **Allan**.

Pagodroma nivea breeding biology, **Maher**.

PELECANIFORMES

Nematode parasites, **Owre**.

PHAETHONTIDAE

Phaethon spp. biology at Ascension Island, **Stonehouse** (1) ; *P. rubricauda* temperature regulation, **Howell & Bartholomew**.

PELECANIDAE

Pelecanus crispus Russian nest note, **Minoransky** (1) ; *P. onocrotalus* breeding observations in Zululand, **Feeley** ; mass migration in Israel, **Harrison**, J. M. & others.

SULIDAE

Sula spp. comparative biology and behaviour, **Dorward** ; *S. dactylatra melanops* erroneous report, **Wetmore** ; *S. serrator* winter sight records, **Stein** ; *S. sula* temperature regulation, **Howell & Bartholomew**.

PHALACROCORACIDAE

\dagger *Phalacrocorax leptopus* sp. nov. p. 170, **Brodkorb** ; *P. bougainvillii* as guano producer, **Valenzuela** (2).

CICONIIFORMES

ARDEIDAE

Popular account of habits, **Meyerricks**.

Ardea cinerea phylogenetic origin of the snap display, **Baerends & Van der Cingel** ; Dutch note, **Cingel** ; distribution in Germany, **Kramer** ; census in central Russia, **Prikolonskii & Teplov** ; heronries in Netherlands, **Van**.

Ardeola ibis in Hungary, **Schmidt**, E. & **Sterbetz** ; in Australia, **Austin**, **Wheeler** ; *A. ralloides* Hungarian observations, **Sterbetz**.

Botaurus stellaris Irish note, **Eagleson**.

Bubulcus ibis status in Spain, **Bernis** (1) ; in Minnesota, **Heig**.

Demigretta sacra ringeri Japanese breeding observations, **Aronoff** ; *Shibata & Kaneda* ; *Egretta alba* habits and photographs, **Mountford** (1).

Mesophoyx intermedius status in Nigeria, **Sibley**.

\dagger *Plegadornis antecursor* gen. et sp. nov. p. 1, **Wetmore** (2).

BALAENICIPITIDAE

Balaeniceps rex nest observations, **Benson** (2).

SCOPIDAE

Scopus umbretta sexual behaviour, **Hue & Etchécopar** (1).

CICONIIDAE

Anastomus oscitans photos. and notes, **Huxley**.

Ciconia ciconia Rumanian note, **Beldi** ; breeding results in Switzerland, **Bloesch** ; nesting observations in Osnabrück, **Brinkmann** (1) ; status in Denmark, **Johansen & Bjerring** ; status in Macedonia, **Jovetić** ; nesting success note from Saxony, **Wessel, Löhmer** ; German study, **Menzel**, H. ; ringing results in Bulgaria, **Paspaleva** ; becoming scarce in Germany, **Peterson** (2) ; status in Portugal, **Santos** (1) ; north westerly migration, **Schüz** (1) ; status in Estonia, **Veriman** ; food, **Schirer** ; status in south Germany, **Steinbacher**, G. (4) ; Oldenberg breeding results 1960, **Tantzen**.

Mycteria americana study of development of young, **Kahl**.

\dagger *Pelargosteon tothi* gen. et sp. nov. p. 169, **Kretzoi**. *Sphenorhynchus abdimii* breeding on cliffs, **Blencowe**.

THRESKIORNITHIDAE

Breeding, movements and conservation in Australia, **Carrick**.

Ajaia ajaja colour photos and popular account, **Allen & Truslow**.

Geronticus eremita history of a colony, **Kumerloeve** (9).

Platalea leucorhia crossing Paris, **Rougeot**.

Plegadis falcinellus Swiss note, **Géroudet & Mouchet** ; breeding in New York, **Post**.

PHOENICOPTERIDAE

Immunological data on relationships, **Mainardi** (5).

†*Megabaloelodus obscurus* sp. nov. p. 173, **Brodkorb**.

Phoenicoparrus jamesi colour photos. and status, **Conway** ; col. pl., **Peña**.

Phoenicoparrus roseus hibernation at Caspian sea, **Grekov** ; *P. ruber* nesting results in Camargue, **Hoffmann** (2) ; breeding in Basel zoo, **Lang** ; *P. r. roseus* observations in Denmark, **Henningsen** ; special liquid fed to young is not regurgitated food, **Lang** & others.

ANSERIFORMES

ANATIDAE

Effect of late seasons on Atlantic Brant reproduction, **Barry** ; Egg-laying dates, **Bezzel** ; Australian spp., **Downes** & others ; Japanese feeding type study, **Haneda** ; Evolutionary trends in behaviour and morphology, **Johnsgard** ; Coloured figures of male ducks in eclipse plumage, **Kuroda** (3) ; Spp. of Orange Free State goldfields, **Liversidge** (2) ; Movements of spp. in East Germany, **Schildmacher** ; Postcranial osteology, **Woolfenden**.

Aix sponsa mandibular abnormality, **Bolen** ; roosting flights in Iowa, **Hein** ; nesting attentiveness and incubation period, **Stewart**.

Anas acuta physiological study of reproductive behaviour, **Phillips**, R. E. & **Tienhoven** ; *A. angustirostris* courtship display, **Wall** ; *A. boschas domestica* embryonal pterylosis, **Koecke** & **Kuhn** ; *A. clypeata* ringing results, **Ogilvie**, M. A. ; *A. crecca crecca* with a white neck-ring, **Harrison**, J. M. & J. G. (2) ; *A. c. carolinensis* in Netherlands, **Lebret** ; in Japan, **Kuroda** ; *A. gibberifrons* movements and distribution, **Frith** (1) ; *A. platyrhynchos* autumn dispersal of hand-reared young, **Boyd** & **Harrison** ; food study, **Chura** ; distribution changes in Great Lakes area, **Johnsgard** ; food analysis, **Juncos** & others ; plumage aberrations, **Harrison**, J. & J. ; *A. strepera* note, **Berthold** ; breeding biology in Utah, **Gates** ; *A. strepera* and *A. crecca* breeding observations, **Thönen**.

Anser sp. unusual nesting, **Farmer** ; *A. albifrons* counts in Netherlands, **Philippina** & **Mulder** ; nidification, **Uspenskii** & others ; *A. anser* feeding habits, **Kear** (1) ; nesting in Slovakia, **Matousek** ; *A. arvensis* migration note, **MacEachern** & **Williamson** ; *A. brachyrhynchos* analysis of weights of 2,844 birds, **Beer** & **Boyd** ; *A. fabilis* Hungarian winter status, **Johansen** (1) ; in northern Holland, **Lennerstedt**.

Anseranas semipalmata nest-building behaviour, **Davies** ; alarm response experiments, **Davies** (1) ; ecological study, **Frith** & **Davies**.

Aythya affinis molluscs as food, **Harmon** ; yearling breeding, **McKnight** & **Buss** ; *A. americana* colour of male, **Steinbacher** ; *A. collaris* new in Belgium, **Huyckens** & **Voet** ; *A. ferina* nidification, **Shillo** ; *A. marila* winter plumage, **Harrison**, J. M. & J. G.

(1) ; *A. nyroca* in Japan, **Kuroda** (2) ; German breeding record, **Oelke** (1).

Branta bernicla population studies 1960-61, **Burton** ; *Branta canadensis* use of nesting platforms, **Craighead** & **Stockstad** ; study in coastal Alaska, **Hansen**, H. A. ; field identification of age classes, **Marquardt** ; in Ostfriesland, **Toll** ; status in Washington state, **Yocom** (1) ; *B. c. hutchinsiaparipes* nesting study, **MacInnes** ; *B. c. interior* weights of visceral organs, **Hanson** ; *B. c. moffitti* history in Pacific Northwest, **Yocom** ; *B. leucopsis* ringing results in Greenland, **Marris** & **Ogilvie** ; in Netherlands, **Timmerman** (2) ; *B. nigricans* population estimate in Humboldt Bay, California, **Denson** & **Murrell** ; *B. sandvicensis* state bird of Hawaii, **Lint**.

Bucephala clangula aggressive behaviour, **Merrie**.

Cairina moschata domestica new colour varieties, **Taibel** (1).

Chen hyperborea reverse migration in Ontario, **Lawrence**.

Clangula hyemalis abnormal wing, **Kartaschew**.

Cygnus bewickii variation in beaks, **Géroudet** (5) ; *C. buccinator* status, **Munro**, D. A. ; *C. cygnus* status in Urals, **Danilov** ; breeding in Norway, **Myrberget** (2) ; *C. olor* in Hungary in summer, **Bartos** & **Kocsis** ; economic importance, **Brennecke** ; in Silesia, **Michałak** ; becoming common in Norway, **Norderhaug**.

Dendrocygna sp. ecology, **Bartels** ; *D. bicolor* distribution, **Harty**.

†*Eremochenus russellii* gen. et sp. nov. p. 174, **Brodkorb**.

Histrionicus histrionicus in Michigan, **Fulton** ; note, **Gashwiler** ; feeding habits, **Pool**.

Mareca americana breeding in New York, **DeGraff** & **Bauer**.

Melanitta nigra on river Rhein, **Beser**.

Mergus merganser German breeding, **Berndt** & **Laue** ; *M. merganser* and *M. serrator* status in Scotland, **Mills**.

Netta rufina distribution, **Formánek** ; sexual behaviour, **Lind**, H. ; status in Netherlands, **Timmerman** (1).

†*Nettion ogallalae* sp. nov. Lower Pliocene of Kansas, **Brodkorb** (2).

†*Ocyptilus shotwelli* gen. et sp. nov. p. 177, **Brodkorb**.

Olor columbianus in Colorado, **Stabler**.

Polysticta stelleri German note, **Dornbusch** ; nidification, **Uspenskii** & others.

†*Querquedula pullulans* sp. nov. p. 176, **Brodkorb**.

Rhodoneesa caryophyllacea affinities study, **Humphrey** & **Ripley**.

Somateria spectabilis first record in Florida, **Owre** (1).

Tadorna tadorna moulting in breeding area, **Hori** ; new breeding in Germany, **Wille** & **Eberhardt**.

FALCONIFORMES

Hind limb musculature, **Berlin** ; Termites as food of hawks, **Hue** & **Etchécopar**.

CATHARTIDAE

Cathartes aura temperature fluctuations, **Heath**.

ACCIPITRIDAE

Accipiter badius brevipes Czech note, **Miklik** ; *A. gentilis* German breeding observations, **Demandt** ; predator on *Bonasa umbellus* in Minnesota, **Eng & Gullion** ; *A. minullus* breeding biology, **Liversidge** (1) ; *A. nisus* heavy female, **Löhr** (3) ; note, **Riggenbach** (1).

Aquila audax food habits, **Hobbs** ; *A. chrysaetos* Irish-Scottish links, **Deane** ; attacking reindeer, **Harris & Price** ; breeding notes from Alaska, **Hobbie** ; nest building and mating note, **Strandtmann** ; *A. rapax* rearing of young bird in captivity, **Orford** ; *A. r. orientalis* Russian note, **Minoransky** ; *A. wahlbergi* observation at nest, **Steyn**.

Aviceda jerdoni status in the Philippines, **Parkes**.

Buteo buteo preys on gulls, **Herren** (1) ; foster mother to fowl's chick, **König**, W. D. ; food at nest in Scotland, **MacNally** ; versatility as a predator, **Pinowski & Ryszkowski** ; *B. b. vulpinus* migration note, **Falter** ; nidification and food, **Ivanov** ; nidification and food, **Likhachev** ; *B. jamaicensis hadropus* subsp. nov. p. 78, **Storer** ; *B. lagopus lagopus* nidification and food, **Kapitonov** (1) ; *B. polyosoma* and *B. poecilochrous* systematic study, **Vaurie** (1).

Circus cyaneus Moravian note, **Hejl-Mračovský**.

Gypaetus barbatus aureus reappearance in Carpathian Mts., **Tálepeanu**.

Gypaetus fulvus history in Austria, **Schönbeck** (1).

Haliaeetus albicilla Swiss note, **Capt** (1) ; breeding biology in Germany, **Oehme**, G. ; French note, **Pohl** ; life history in Norway, **Willgoths** ; *H. leucocephalus* aggressive behaviour, **Murphy**, J. R. ; 1961 nest sites in Florida, **Howell** ; note, **Spofford**.

Ictinia mississippiensis feeding habits, **Skinner**.

Lophopterus occipitalis nesting and oology, **Jeffrey & Brooke**.

Milvus migrans 24 years old, **Burnier** ; histological studies of oviduct, **Chakravorti & Sadhu** ; German note, **Hasse** ; French note, **Milon** ; *M. milvus* migrations in Switzerland, **Zimmerman & Sutter**.

Pernis apivorus migration flight in Southern Spain, **Gubler** ; observations and photos. at a wasp's nest, **Trap-Lind** ; *P. pilorhynchus* races of Eastern Asia, **Vaurie & Amadon** ; *P. p. orientalis* nidification in the U.S.S.R., **Neufeldt & Nechaev**.

PANDIONIDAE

Pandion haliaetus Roumanian note, **Radu & others**.

FALCONIDAE

Notes, **Mouau**, G.

Falco biarmicus nidification in Azerbaijan, **Burchak-Abramovich** (1) ; *F. columbarius* taking nestling passersines, **Roberts**, E. L. ; breeding in Cornwall, **Smith**, D. F. ; *F. eleonorae* study in Greece, **Warncke & Wittenberg** ; *F. mexicanus* hunting methods, **White**, C. M. ; *F. naumanni* Austrian note, **Zapf** ; *F. peregrinus* in Eastern Washington, **La Fave** ; nidification, **Kapitonov** (1) ; incubating eggs of *F. tinnunculus*, **Ratcliffe** ; breeding density, **Ratcliffe** (1) ; predation by ringtails, **White & Lloyd** ; *F. rusticolus* nesting in a tree, **Kuyt** ; *F. tinnunculus* feeding on picnic scraps, **Cooke**, D. A. P. ; breeding biology in Netherlands, **Cavé** ; observations at nest, **Sengler** ; killed by *Corvus corone*, **Sage** (7) ; *F. vespertinus* German study, **Lehmann** (1) ; status in Middle Europe, **Lehmann** (2).

Aves

GALLIFORMES

MEGAPODIIDAE

Leipoa ocellata ecology and conservation, **Frith**.

Megapodius freycinet general account of biology, **Warham** (4).

TETRAONIDAE

Bonasa umbellus methods of marking for population studies, **Gullion**, **Eng** & **Kupa** ; popular account, **Hall**, H. M. ; flight capability over water, **Palmer**.

Canachites canadensis courtship and display, **Lumsden**.

Dendragapus obscurus food requirements of chick, **Stiven**.

Lagopus mutus pleskei nidification and food, **Kapitonov** (1).

†*Lyrurus partium* sp. nov. p. 171, **Kretzol** ; *L. tetrix baicalensis* ecology, **Larionov**, G. P. ; *L. t. mongolus* breeding habits and food, **Zverev**.

Tetrao urogallus and *Lyrurus tetrix* animal food in autumn, **Helminen** & **Viramo** ; *T. urogallus* Yugoslav note, **Andrejević** ; nuptial display, **Grandjean** ; trapping and transportation, **Kirpichev** ; Dutch account, **Kruyt** (1) ; census in Central Russia, **Priklonskii** & **Teplov** ; *T. urogallus* *camtschaticus* nidification, **Lobko-Lobanovskii** & **Zhilin**.

Tetraetes bonasia biology in Karelia, **Ivanter** ; functional morphology, **Kuz'mina** ; Hungarian note, **Pézés** ; *T. b. rupestris* status in Central Europe, **Knobloch** (1).

Tympanuchus cupido food habits in Missouri, **Korschgen** ; *T. c. attwateri* doomed to extinction ? **Cottam** ; *T. c. pinnatus* history in Iowa, **Stempel & Rodgers**.

PHASIANIDAE

Descriptions of the Odontophorini, **Delacour** ; Wing display in courtship habits, **Krujik** (2).

Afropavo congensis breeding in Antwerp Zoo, **Bemmell** ; account, **Steinbacher**, J. (1).

Alectoris spp. sympatry, **Watson** (6) ; *A. graeca* bursa of Fabricius as age indicator, **Campbell & Tomlinson** ; lens weights, **Campbell & Tomlinson** ; *A. graeca* and *A. chukar* are separate spp., **Watson** (1) ; *A. rufa* biology, **Frisch** (1) ; paddling in the sea, **Kirtland**.

Callipepla squamata ecology in Oklahoma, **Schemnitz**.

Colinus atratus foetens subsp. nov. p. 4, **Wetmore** (1) ; *C. virginianus* light experiments, **Kirkpatrick** ; albino, **Menzel**, K. E. ; population estimation, **Norton & others** ; *C. v. cubanensis* moult, age and annual cycle, **Watson** (7).

Coturnix coturnix as laboratory animal, **Howes** ; *C. c. japonica* and *Colinus virginianus* comparative growth and plumage development, **Lyon** ; *C. c. japonica* egg production study, **Pilla**.

Francolinus camerunensis in danger of extinction, **Serle** (1) ; *F. erckeli* biology and cultivation, **Leporati** ; *F. francolinus* occurrence and extinction in Iberian Peninsula, **Maluquer Sostres & Alfonso**.

Gallus domesticus lung capacity, **King & Payne**.

Lophortyx californica and *Oreortyx picta* distinguishing by skeletal analysis, **Mead** ; *L. gambelii* organisation and movements of coveys in Nevada, **Gullion** ; food selection, adaptations, **Hungerford**.

†*Neortyx peninsulae* gen. et sp. nov. p. 198, Holman.
 †*Perdix jurskai* sp. nov. p. 171, Kretzoi; *P. perdix* descriptive anatomy of the skull, Schub.

Phasianus colchicus brooding cock, Cowie; effect of calcium deficiency on laying, Greeley; mortality records, Craighead & Hornocker; abundance in Illinois, Greeley & others; nest attentiveness, Kessler; crowing count, Nelson, R. D. & others.

Rollulus rouloul aviculture, Searle.

Syrmaticus ellioti rarity, Wayre.

Tragopan caboti col. plate, Wayre.

NUMIDIDAE

Numida meleagris general habits and biology, Skead (1).

MELEAGRIDIDAE

Meleagris gallopavo weights, MacDonald, D.; moult, Williams, L. E., Jr.

OPISTHOCHOCIDAE

Opisthochocoma hoazin general biology and colour photos, Grimmer.

GRUIIFORMES

TURNICIDAE

Turnix suscitator baweanus subsp. nov. p. 199, Hoogerwerf.

GRUIDAE

Raising cranes in captivity, Griswold.

Grus grus Hungarian note, Agárdi; food habits, Dathe; census in Central Russia, Prikoloski & Teplov; winter observations in Germany, Thiemann, Feindt, Plucinski; *G. japonensis* dance and display, Keith, G. S.; *G. leucogeranus* biology, food, Uspenski; & others.

RALLIDAE

Actophilornis africanus biology and habits, Cunningham-ham-van Someren & Robinson; note, Harrison, C. J. O.

Coturnicops noveboracensis food analysis, Easterla (1); song, Kellogg.

Crex crex Dutch study, Braaksma (1).

†*Fulica infelix* sp. nov. p. 181, Brodkorb; *F. americana* hatching muscle, Fisher, J. R.; *F. armillata* aggressive behaviour, Navas; *F. atra* general biology, Wagner.

Gallinula chloropus and *G. nesiotis* comparative anatomy, Eber; *G. chloropus* Norwegian note, Norderhaug (1).

Grallina cyanoleuca "anting", Salmon.

†*Nesophalaris* gen. nov. with *Fulica chathamensis* as type, Brodkorb & Dawson.

Pardirallus maculatus notes from Cuba, Watson (8).

Porphyriornis nesiotis comeri generic distinction, Voous.

Porzana pusilla intermedia German note, Makatsch (1); *P. tabuensis* and *P. fluminea* extension of range, Ford.

Rallula rubra tulefolminensis subsp. nov. Gilliard 1961 Amer. Mus. Novit. no. 2031 p. 1.

Rallus spp. pellet casting, Meanley (1); *R. aquaticus* killing small passerines, Axell, Blundell; predation note, Thompson, A. G. G.; *R. elegans* \times *R. longirostris*

hybridization? Meanley & Wetherbee; *R. limicola antarcticus* Argentina status, Navas (1).

HELIORNITHIDAE

Podica senegalensis observations in Uganda, Pitman (4); nest observations, Skead.

OTIDAE

†*Otis lambrechti* sp. nov. p. 172, Kretzoi.

CHARADRIIFORMES

Mortality and fertility of European spp., Boyd.

ROSTRATULIDAE

Rostratula benghalensis newly found in the U.S.S.R., Larionov, V. F.; breeding records in southwest Nigeria, Elgood & Donald; status in West Africa, Donald & Elgood; note, Williams, H. H.

HAEMATOPODIDAE

Haematopus haematoptus with deformed feet, Walton; *H. ostralegus* 34 years old, Goethe & Kramer; feeding habits, Tinbergen & Kruuk.

CHARADRIIDAE

Fauna of the U.S.S.R., Kozlova.

Arenaria interpres feeding behaviour, MacDonald & Parmalee.

Charadrius alexandrinus in Aberdeenshire, Gordon, A. G.; call and breeding behaviour, Walters; *C. hiaticula* ringing results, Bub; bigamy, Era & Lopau; *C. melanops* breeding in New Zealand, Mackenzie; *C. semipalmatus* sight record of downy young in British Columbia, Hesse; *C. venustus* at Lake Manyara, Tanganyika, Morgan-Davies.

Chetusia gregaria in Dorset, Riley & Cooke; in Hertfordshire, Devlin, Jenkins & Lloyd-Evans.

Eudromias morinellus nidification, Kapitonov (1); breeding biology, Rittinghaus.

Hoplopterus spinosus breeding observations, Makatsch. *Leucopelopus alexandrinus* *alexandrinus* nidification, Ochapovskii.

Pluvialis dominica nesting in British Columbia, Guigret.

Vanellus vanellus nest site fidelity, Heim; attacks fox, Hodson (2); distribution in Norway, Myrberget (1); effects of dry summer of 1959, Voous (3).

SCOLAPACIDAE

Waders at Minsmere, Axell (1); Evolution of peculiarities of flight, Stegmann (1).

Actitis hypoleucos Hungarian nesting, Radetzky.

Bartramia longicauda Italian record, Caterini.

Calidris melanotos in Germany, Kirchhof & Karg; Netherlands record, Lathbury & Bierman; Swiss observations, Magnenat; *C. temminckii* nidification, Gladkov (1).

Ereneutes mauri aggressive and distraction behaviour, Brown, R. G. B.

Eudromias morinellus German note, Heyder (2); biology, Kroodsche.

Gallinago media display, Karpovich (1) ; *G. megala* display, nidification and food, Naumov, R. L. (1) ; *G. stenura* display, Gladkov (1).

Heteroscelus incanus race in New Zealand, Andrew.

Limicola falcinellus nidification, Gladkov & Zaletaev.

Limnodromus griseus scolopaceus distribution west of Lena river, Gladkov & Zaletaev.

Numerius borealis rediscovery, Emanuel.

Nyctiphantes semicollaris in Brazil, Sick.

Phalaenoptilus minor hatching observations, Wetherbee.

Scolopax rusticola distribution in Wales, Harrop ; alighting on a bird-table, Norris.

Tringa erythropus feeding habit, Raines (1) ; *T. glareola* Western Australia records, Ford ; autumn mating, Rahne (1) ; *T. guttifer* distribution on shores of Okhotsk Sea, Yakhontov ; *T. totanus* breeding in Asia Minor, Kumerloev (10).

PHALAROPODIDAE

Phalaropus tricolor British Island records, Beckerlegge, Lamb & Priestley, Merne.

GLAREOLIDAE

Glareola pratincola nidification and food, Ochapobskii.

STERCORARIIDAE

Catharacta skua maccormicki ringing results, Dalinger & Freytag ; *C. maccormicki* morphology of internal organs, Amenya.

Stercorarius spp. measurements and comparisons, Walter ; *S. skua* in Hungary, Balát.

LARIDAE

Hostile display by gulls, Moynihan (1).

Anous tenuirostris biology on Ascension Island, Ashmole, N. P.

Chlidonias hybrida nest note from Tanganyika, Fuggles-Couchman ; nesting in Hungary, Máté ; observations, Pátkai ; Czech breeding study, Svoboda ; *C. niger* in Co. Wicklow, O'Rourke.

Gelochelidon nilotica food habits, Temme.

Hydroprogne tchegrava migration, Shevareva.

Larus spp. migrations and biology in Mecklenberg, Milenz ; *L. argentatus* electrophysiological study of salt gland, Thesleff & Schmidt-Nielsen ; dispersal study in North America, Smith, W. J. (1) ; *L. atricilla* bill-pecking experiments with chicks, Hallman (2) ; *L. canus* Polish nest note, Gotzmann ; nesting in Vancouver Island, Ricker & Neave ; distraction display, Rutledge ; salt secretion, Schwarz ; development of the brain, Wetzig ; *L. crassirostris* observations on hand-reared bird, Goethe ; *L. dominicanus* late breeding in New Zealand, Kinsky ; *L. fuscus* ageing problems, Harris ; prey of *Aquila chrysaetos*, Hertig ; *L. f. graellsii* migration from ringing results, Harris (4) ; *L. fuscus* \times *L. argentatus* hybrid, Voois (4) ; *L. genei* in Sussex, Harber ; *L. minutus* transcontinental migration, Erard (3) ; in Belgium, Weghe ; *L. pipixcan* hatching muscle, Fisher, H. I. ; *L. relicta* validity, Vaurie ; *L. ridibundus* incubation and nest-building behaviour, Beer, C. G. ; egg-rolling experiments, Beer, C. G. (1) ; Polish nesting study, Bochenksy (3) ; melanism, Evans, P. R. ; Dutch census, Higler ; British ringing recoveries, Radford ; census of English

colonies, Griddle ; census of Scottish colonies, Hamilton, F. D. ; development of paddling habit, Rothschild ; food note, Thalmann ; invalids, Tiede ; egg shell removal as camouflage, Tinbergen, Broekhuysen & others ; experiments with artificial eggs, Tinbergen, Kruuk & Paillette ; *L. scopolinus* feeding behaviour, Blackburn.

Rhodostethia rosa in Yorkshire, Bunce & Richards.

Rissa tridactyla recent habit changes, Coulson & Macdonald ; pecking response of chicks, Cullen ; invasions into Finland, Pullainen.

Sterna spp. losses in Germany, Ruthke ; *S. albifrons* breeding biology, Schönert ; study in Finland, Solikelli ; *S. bengalensis* in Camargue, Bruch & Stickel ; *S. bergii* ability to recognize own chicks, Davies & Carrick ; *S. dougallii* breeding in Fife in 1956, Mylne ; *S. fuscata* pecking response of young, Cullen ; temperature regulation, Howell & Bartholomew (1) ; New Zealand note, Jenkins, J. A. F. ; *S. hirundo* migration, Lebedeva ; mass mortality in South Africa, Rowan ; *S. sandvicensis* German note, Ringleben.

ALCIDAE

Fratercula arctica in Vermont, U.S.A., Benton ; behaviour and migration study, Myrberget ; general habits, Skokova (1).

Uria aalge skull structure, Dzerzhinskii ; survey of bridled forms, Southern.

COLUMBIFORMES

PTEROCLIDAE

Systematic notes, Vaurie (2).

Pterocles alchata watering of young, Marchant (1).

COLUMBIDAE

Taxonomy, Johnston, R. F. (1) ; Bathing habits, Nicholai ; Chromosome numbers, Sharma, Parshad & Krishnan ; Earth-eating, Engel, Warncke (1).

Columba araucana life history, Valenzuela (1) ; *C. fasciata* nuptial behaviour, Peeters ; *C. livia* behaviour and food habits of carrier pigeons, Eber (1) ; song, Riggensbach ; *C. livia* [*domestica*] diurnal activity, Massatomi ; *C. oenas* nesting on masonry, Géroudet (6) ; *C. palumbus* functional basis of behaviour, Murton & Isaacson ; study of autumn movements, Murton & Ridpath ; takes a diving bath, Kóves.

Calumbigallina spp. of Peru, Koepcke.

Columbina passerina precocious sexual competence, Johnston, R. F.

Streptopelia spp. systematic notes, Vaurie (2) ; *S. decaocto* in Orkney and Easter Ross, Balfour ; status in Poland, Dyrcz & others ; breeding observations in Yorkshire, Gilpin ; breeding in Odessa, Grekov (1) ; status in Bavaria, Heer ; status in Hungary, Keve (1) ; song, Kumerloev (7) ; in Sweden, Mathiasson ; rain-bathing, Nagy ; remarkable spreading, Niethammer (1) ; spreading in eastern Europe, Nowak ; German spreading, Peitzmeier (1) ; French observations, Pricam ; trap for ringing, Vauk & Gräfe (2) ; prey of *Falco tinnunculus*, Wegner ; in Sussex, Wright, A. A.

Trogon vernans karimuniensis subsp. nov. p. 196, Hoogerwerf.

Zenaidura macroura food habits in California, Browning ; Missouri status, Chambers & others ; artificial

resuscitation, **Kossack**; study under captivity, **Frankell & Baskett**; autumn food habits in Illinois, **Oberheu & Klimstra**; eight young in one year in same nest, **Walkinshaw**.

PSITTACIFORMES

PSITTACIDAE

Head-scratching habits as taxonomic characters, **Brereton & Immelmann**.

Agapornis spp. behaviour study, **Dilger**; *A. personata* pair formation, **Stamm**.

Loriculus beryllinus habits and col. pl., **Henry**.

Melopsittacus undulatus scratching habit, **Brockway**; water economy, **Cade & Dybas**; French account, **Evraert**; early history, **Iredale & Whitley**; genetics and taxonomy, **Mainardi** (4); how to breed them, **Rogers**; mobbing *Tyto alba*, **Upton**.

Nestor sp. does it attack sheep? **Jackson**.

Platycercus elegans range and habits, **Fordham**; *P. eximius* general account, **Forshaw**.

Psittacula alexandri kangeanensis subsp. nov. p. 202, *Psittacula erithacus* breeding in captivity, **Lister**.

CUCULIFORMES

CUCULIDAE

Centropus toulou wahlbergi status, **Irwin** (1).

Ceuthmochares aereus extensicaudus, p. 182, and *C. a. dendrobates*, p. 183 subsp. nov., **Clancey** (6).

Coccyzus americanus remains of stomach of a shark, **Saunders**, G. B.

Cuculus canorus record of song calls, **Jones**, J. D.; juvenile imitates pipit's call, **O'Connor**; two eggs in one nest, **Venables**; *C. pallidus* young fed by own species, **Kikkawa & Dwyer**; *C. saturatus* note, **Roberts**, T. M.

STRIGIFORMES

STRIGIDAE

Food and oxygen consumption study, **Graber**, R. R.; spp. distribution in Western Great Basin, **Johnson, N. K. & Russell**; Head movements of owls, **Lindblad**; Lack of ultrasonic components in the flight noise of owls, **Thorpe & Griffin**.

Aegolius funereus occurrence in Moravia and Silesia, **Flasar**; note, **Gatter**; Russian nest and feeding study, **Kadochnikov**.

Asio flammeus cannibalism by nestlings, **Ingram**; study of a wintering flock, **Short & Drew**; Hungarian note, **Warga**; *A. f. bogotensis* ecology and behaviour, **Borrero** (2); *A. otus* attacked by *Buteo swainsoni*, **Collins**; distribution and food, **Klaas**; ceding habits in north Friesian Islands, **Schnurre & Märtz**.

Athene noctua taxonomy in southeast Europe, **Keve & others**; food habits, **Olés**.

Bubo africanus stomach contents, **Benson** (5); *B. bubo gladkovi* subsp. nov. p. 192, **Zaletayev**; *B. virginianus* food analysis in western Oklahoma, **Schemmitz & Ables**; *B. v. scalariventris* subsp. nov. p. 5, **Snyder**.

Nyctea nyctea invasion in Wisconsin, **Hamerstrom**.

Ninox novaeseelandiae rufigaster subsp. nov. **Mees** 1961 J. Roy. Soc. W. Aust. 44 p. 106.

Otus scops Hungarian note, **Barthos**; French nest, **Kumerloewe** (1).

Strix aluco food biology, **Schnurre**; attacked by weasel, **Timperley**; feeding habits, **Wehner**; *S. nebulosa* habits and photos, **Blair**; *S. uralensis* Hungarian note, **Péczely**; *S. u. macroura* food study, **Sládek**.

Tyto alba sun-bathing, **Bentham**; Surinam notes, **Haverschmidt**; winter foods in Louisiana, **Jemison & Chabreck** (1); killing weasel, **Last**; study of pellets **Sage** (4); *T. alba bellona* subsp. nov. p. 12, **Bradley**.

CAPRIMULGIFORMES

PODARGIDAE

Batrachostomus javensis longicaudatus subsp. nov. p. 204, **Hooerwerf**.

CAPRIMULGIDAE

Acoustic evidence of relationship, **Davis**, L. I.

Caprimulgus europaeus status in British Isles, **Stafford**; *Chordeiles acutipennis* in Oklahoma, **Davis**, W. M.; *C. minor panamensis* subsp. nov. p. 4, **Eisenmann**.

APODIFORMES

APODIDAE

Apus apus photos, **Brook** & others; autumn migration in Switzerland, **Godel**; roosting on a wall, **Lowe**; Dutch note, **Krug**; *A. melba* Swiss observations, **Godourey & Blanc**; *A. pallidus* note, **König** (2).

Chetura spp. habits, **Carvalho**; *C. pelagica* use of old nests, **Dexter**; *C. vauxi vauxi* nest note, **Griffee**.

Collocalia spp. Spanish account of edible nests, (1); ecology and regulation of breeding in Sarawak, **Medway** (2); *C. esculenta* breeding observations, **Burgess, Harrison**; *C. maxima* relation between reproduction and salivary glands, **Medway**; *C. whiteheadi nuditarsus* and *C. w. telestensis* subsp. nov. p. 510, **Salomonsen** (4).

Cypseloides niger nesting observations in Montana, **Hunter & Baldwin**; breeding in Utah, **Knorr**.

Reinarda squamata nidification and pterylosis, **Carvalho** (1).

Streptoprocne semicollaris nesting study, **Rowley & Orr**.

TROCHILIDAE

Taxonomic notes, **Berlioz**; Body temperatures, **Morrison**; Energetics of migrating hummingbirds, **Lasiewski**; Prof. Mello Leitao Museum collection, **Ruschi** (8).

Aglaeactis cupripennis aequatorialis observations, **Ruschi** (4).

Aglaiaocercus kingi subsp. and other Brazilian spp., observations, **Ruschi** (5).

Amazilia versicolor kubicheki subsp. nov. p. 5, **Ruschi**.

Archilochus colubris long drinks, **Blake**, C. H. (1).

Augastes spp. observations, **Ruschi** (9).

Calibri delphinae greenwalti subsp. nov. p. 2, **Ruschi** (10).

Calypte costae nest note, **Bakus**.

Chalybura urochrysia taxonomic review, **Eisenmann & Howell**.

Ensifera ensifera observations, **Ruschi** (3).

Eugenes fulgens in Colorado, **Baker**, W. K.

Eutoxeres aquila heterura observations, **Ruschi** (6).

Heliothrix barroti popular account, **Skutch** (4).

Melisuga helena economic value in Cuba, **Rodiles**.

Oreotrochilus estrella ecology and breeding habits, **Dorst** (1); *O. e. chimborensis* and *O. e. jamessoni* observations, **Ruschi** (2).

Oxygonus guerinii lindenii observations, **Ruschi** (7).

Patagona gigas peruviana observations, **Ruschi** (1).

Phaethornis superciliosus griseoventer subsp. nov. p. 340, **Phillips**, A. R. (1).

COLIIFORMES

COLIIDAE

Aviculture, **Lint** (2).

TROGONIFORMES

TROGONIDAE

Trogon viridis nidification and development of young, **Skutch** (3).

CORACIFORMES

ALCEDINIDAE

Alcedo atthis fighting observation, **Forster**; biology in Central Russia, **Kartashev** (1); frost casualty, **Massey**; Hungarian note, **Molnár**; breeding biology, **Reinsch**; feeding note, **Sharrock** (1); *A. a. ispira* nesting in Norway, **Olsen**, T.

Dacelo gigas a bird without nerves, **Prerauer**; *D. novaeguinea* breeding in captivity, **Lint** (3).

Myioceyx lecontei note, **Berlitz** (3).

MEROPIDAE

Merops hirundineus strenuus subsp. nov. p. 150, **Clancey** (5); *M. ornatus* preparation of bees for consumption, **Nicholls** & **Rook**; *M. persicus* in Netherlands, **Meeth**; *M. superciliosus persicus* general habits in Azerbaijan, **Gazanchyan** & **Mustafaev**; first record in Sweden, **Cederberg**.

CORACIDAE

Coracias garrulus migrants in Central Africa, **Herr-oelein** (2).

UPUPIDAE

Upupa epops in the Philippines, **Harrison**.

BUCEROTIDAE

Bilobated kidneys, **Feinstein**.

PICIFORMES

GALBULIDAE

Brachygalba salmoni carmenensis subsp. nov. p. 43, **Haffner**.

CAPITONIDAE

Lybius undatus leucogenys aberrant specimen, **Traylor** (2).

Pan spp. taxonomy, **Hernández-Camacho**.

Pogoniulus chrysocorus dryas subsp. nov. **Clancey** & **Lawson** 1961 Durban Mus. Novit. 6 p. 84.

INDICATORIDAE

Ogilby 1670 reference, **Jeffreys**.

Indicator sibling species, **Chapin**.

RAMPHASTIDAE

Pteroglossus spp. taxonomy, **Borrero**.

PICIDAE

Flight displays, **Blumne**; German breeding observations 1960, **Blumne** (1); spp. of New York State, **Gordon**, D. C.; Swiss observations, **Mester**.

Campetheria cailliautii quadrosi subsp. nov. p. 21, **Pinto** (1).

Centurus carolinus nest predation by snake, **Stickel**.

Colaptes auratus attacked by wasps, **Duncan**, S.

Dendrocopos leucotos in Hungary, **Gárdonyi**; *D. major* taking thistle heads, **Campbell**, B.; plumage note, **Mauersberger**; attacks nest-boxes, **Mountford**; feeding at bird tables, **Stafford** (1); *D. medius* voice and song, **Ferry** (1); *D. syriacus balcanicus* Yugo-Slav study, **Szilváka**.

Dryobates borealis study in Tennessee, **Ganier** (1).

Dryocopus martius French note, **Cuisin**; French note, **Erard**, Caron; Danish study, **Tortzen**.

Jynx torquilla prepares own nest, **Abro**; predation in nest boxes, **Dekhuijzen-Maasland**.

Picumnus fulvescens sp. nov., **Stager**.

Picus spp. evolution theories in Hungary, **Horváth**; *P. major* and *P. caeruleus* population density in Belgian parks, **Hublé**; *P. martius* nesting habits, **Peitzmeier** & **Westerfrölke**.

Sphyrapicus varius breeding behaviour, **Kilham**; nest sanitation, **Kilham** (1).

PASSERIFORMES

DENDROCOLAPTIDAE

Popular account, **Skutch** (6).

Xiphorhynchus flavigaster ascensor subsp. nov., **Wetmore** & **Parkes**; *X. picus paraguanae* subsp. nov. p. 201, **Phelps**.

Asthenes pudibunda grisior subsp. nov. **Koepke** 1961 Amer. Mus. Novit. no. 2028 p. 13.

FURNARIIDAE

Automolus spp. geographical variation, **Novaes**.

FORMICARIIDAE

Myrmeciza exsul niglarus subsp. nov. p. 7, **Wetmore** (1).

Thamnophilus palliatus distribution of subsp., **Novaes** (1).

COTINGIDAE

Rupicola rufipectus breeding behaviour, **Gilliard**; courtship and display, **Gilliard** (1).

PIPRIDAE

Manacus manacus field study in Trinidad, **Snow**.

TYRANNIDAE

Empidonax virescens notes, **Mumford**.

Myiarchus spp. songs, **Davis**, L. I. (1); *M. cinerascens* in Rhode Island, **Baird**, J. (1).

Myiochanes albogularis sp. nov. p. 138, **Berlitz**.

Myiozetetes luteiventris septentrionalis subsp. nov. p. 63, **Blake**, E. R. (2).

Pitangus lictor description of nests, **Smith, W. J., Willis.**

MENURIDAE

Menura superba local song, **Halasoff** ; notes and results of forest fire, **Halasoff** (1).

ATRICHORNITHIDAE

Atrichornis clamosus rediscovery, **Webster, H. O.** ; rediscovery in Western Australia, **Serenty**.

ALAUDIDAE

Flocks passing Eiffel Tower, **Jacqueau** ; Phylogeny, **Winterbottom** (2).

Alauda arvensis migration from ringing results, **Shaeffer & Cauteren**.

Ammomanes dinni eremodites in the Lebanon, **Harrison**, *Calandrella rufescens* and *C. cinerea brachydactyla* differences, **Williamson** (3).

Calcarius lapponicus in Mexico, **Banks, R. C.** ; *C. ornatus* in Sierra Nevada, **McCaskie** ; *C. pictus marsi* subsp. nov. p. 147, **Kemsies**.

Galerida cristata notes and photos., **Ferguson-Lees** ; revision of eastern Mediterranean spp., **Watson** (4).

Lullula arborea history at Ruislip, **Bowlt**.

Melanocorypha calandra in Dorset, **Ash**.

Mirafra javanica field notes in North Queensland, **Bravery** (1).

HIRUNDINIDAE

Nesting associations, **Baker, J. K.** ; spp. nesting in British Columbia, **Paul**.

Delichon urbica breeding amongst rocks, **Creutz** (3) ; building nest of cement, **Darlington** ; hanging death, **Bennett** ; behaviour towards its enemies, **Lind, E. A.** ; *D. u. scalongei* subsp. nov. p. 117, **Gagina**.

Hirundo daurica German record, **Jung & Kteinsteuber** ; in north Portugal, **Santos** ; *H. neoxena* New Zealand note, **Edgar** ; *H. rustica* composition of flocks and mould of remiges in Katanga, **De Bont** ; food note, **Hodson** (1) ; oological note, **Kanai** ; pairing and polygamy, **Löhrl** (4) ; *H. r. erythrogaster* nesting note, **Murray, J. J.** ; *H. r. gutturalis* in Western Australia, **Slater**.

Progne dominicensis range and measurements, **Davis & Miller** ; *P. subis* behavior study, **Johnston & Hardy**.

Ptyonoprogne rupestris note, **König** (1).

Riparia riparia artificial colony, **Isenmann** (2) ; homing experiments, **Sargent** ; nidification and food, **Pavlova** ; population studies, **Shevareva & Sapetin**.

Stelgidopteryx ruficollis breeding biology in Michigan, **Lunk**.

MOTACILLIDAE

Anthus campestris bohemae subsp. nov. p. 386, **Portenko** ; *A. hodgsoni yunnanensis* in Heligoland, **Gräfe**, **Requate & Vauk** ; *A. richardi* in Hesse, **Bauer** ; *A. (similis) moca* subsp. nov. p. 77, **Traylor** (1) ; *A. trivialis* note, **Briche**.

Buzytes cultuola sindzianicus subsp. nov. p. 386, **Portenko** ; *B. c. quassatrix* subsp. nov. p. 385, **Portenko**.

Macronyx crocea geographical variation, **Clancey** (1).

Metacilla alba nest note, **Forman & Scherrer** ; *M. cinerea* nest note, **Harmer** ; *M. citreola citreola*

nidification, **Gladkov** (1) ; *M. flava* late stay in Germany, **Busch** ; German breeding observations, **Kalbe** ; in Yorkshire in winter, **Rhodes** ; *M. f. feldbergi* distribution in southeast Europe, **Cătuneanu & others**.

CAMPEPHAGIDAE

Pericrocotus flammeus gonzalesi subsp. nov. p. 8, **Ripley & Rabor**.

PYCNONOTIDAE

Ayithina tephra djungkulanensis subsp. nov. p. 162, **Hoogerwerf** (2).

Irene puella malayensis note, **Cairns**.

Phyllastrephus flavostriatus distans and *P. f. dendrophilus* subsp. nov. p. 152, **Clancey** (5).

LANIIDAE

Lanius collurio nest observations, **Parker, S.** ; increase in Poland, **Pomarnacki** ; nest observations, **Wiedemann** ; *L. excubitor* observations, **Boháč & Boháčová** ; behaviour study, **Cade** ; *L. ludovicianus* capturing a lark in flight, **Wiggins** ; *L. tephronotus* and *L. schach* hybridisation discussed, **Biswas**.

Pachycare flavogriseum randi subsp. nov. **Gilliard** 1961 Amer. Mus. Novit. no. 2031 p. 2.

PRIONOPIDAE

Pitohui spp. description of eggs, **Parker, S. A.** (1).

BOMBYCILLIDAE

Bombycilla garrulus Yugo-Slav study, **Cvitanic**.

Hypocolius ampelinus new to check-list of the U.S.S.R., **Flint**.

CINCLIDAE

Cinclus mexicanus unicolor photos. and habits, **Tinker** ; *C. pallasi* breeding habits in Tian Shan, **Stepanyan**.

TROGLODYTIDAE

Campylorhynchus brunneicapillus life history, **Anderson, A.**

Pnoepyga comment on proposed validation, **Rand**.

Troglodytes musculus chilensis Venezuelan study, **Valenzuela** ; *T. troglodytes* albino breeding, **Erdmann** ; food of nestlings, **Prokof'eva** (1) ; feeding young *Myadestes townsendi*, **Robinson, G. G.**

MIMIDAE

Dumetella carolinensis wing flashing note, **Batts** ; accepts egg and raises young *Molothrus ater*, **McGreen** ; helping at nest of *Troglodytes aedon*, **Nolan & Schneider**.

Mimus gilvus wing-flashing, **Haverschmidt** (2) ; *M. polyglottos* breeding biology, **Laskey, A. R.**

Texostoma rufum life history data, **Mason**.

PRUNELLIDAE

Prunella collaris in Hungary, **Szabo** ; *P. modularis* feeding note, **Harrison, C. J. O.** (1) ; spreading in Poland, **Oko** ; wing formula variation, **Scott, R. E. (1)** ; breeding in Hungary, **Rapos**, **Szabó** ; an eruptive dispersal, **Williamson, K.** ; Post-nuptial moult, **Williamson, K. (6)** ; weights, **Gordon** ; *P. m. ewina* subsp. nov. p. 9, **Watson** (9).

TURDIDAE

Migration of European spp. based on ringing recoveries, **Ashmole**, M. J.

Catharus guttatus nanus p. 351, *C. g. munroei* p. 351, and *C. g. jewetti* p. 356 **subssp. nov.**, **Phillips**, A. R. (1).

Cercomela familiaris races distribution, **Clancey** (7).

Copyschus malabaricus mirabilis **subsp. nov.** p. 184, **Hoogerwerf**.

Cossypha humeralis crepuscula **subsp. nov.** p. 155, **Clancey** (5); *C. natalensis tennenti* **subsp. nov.** p. 137, **Williams**, G. J.

Erythacus rubecula territorial defence, **Busnel** & **Brémont**; defensive song, **Brémont**; wing lengths, **Brownlow**; recaptures on Fair Isle, **Davies**, P. (2); Hungarian nest note, **Radetzky**; *E. r. balcanicus* **subsp. nov.** p. 6, **Watson** (9).

Erythropygia quadrivirgata taxonomic note, **Benson** & **White** (1); *E. q. interna* **subsp. nov.** p. 156, **Clancey** (5).

Hylocichla mustelina behaviour note, **Terres** (1).

Irania gutturalis nidification, **Leonovich**.

Locustella fasciolata nidification, **Naumov**, R. L.

Luscinia cyan nidification, **Naumov**, R. L.; *L. luscinia* eastern limit of range in Central Siberia, **Kim**; *L. pectoralis* nidification and food of nestlings, **Kovshar** (1); *L. sibilans* nidification, **Naumov**, R. L.; *L. svecica* body mass and weight variations, **Stolt** & **Mascher**.

Monticola spp. study in South Africa, **Farkas** (1); *M. saxatilis* display, **Magnanet** (1).

Myadestes townsendi in Ontario, **Baldwin** & **Woodford**.

Oenanthe hispanica pleschanka Rumanian biology, **Papadopol**; *O. isabellina* in southeast Bulgaria, **Kumerloewe** (8); *O. oenanthe* nest note, **Sóvágó**; Yugo-Slav study, **Szlivka**.

Phoenicurus ochruros phoenicuroides nidification, **Kovshar** (1); *P. phoenicurus* life history in Newegian mountain area, **Meidell**; breeding biology, **Senk**.

Saxicola torquata breeding status in Netherlands, **Braakman**.

Setophaga ruticilla status of western specimens, **Root**.

Sialia sialis albinos, **Young**, J. V.

† *Turdicus tenuis* **gen. et sp. nov.** p. 173, **Kretzoi**.

Turdus spp. orientation of night flights, **Vleugel**; *T. iliacus* nesting in Poland, **Borowski**; spring migration off Iceland, **McLean**; *T. merula* choice of nest site, **Berndt**; displays, **Erhard** (2); study of changes in sex-organs, **Fromme**-**Erhard**; winter breeding in Berlin, **Grummt**; some breeding records, **Hahn**; development of song, **Hall-Crapp**; Czechoslovakian biological study, **Havlik**; habits, **Heyder** (2); raises five broods in one season, **Mayer-Gross** & **Perrins**; eats eggs, **Woodward**; *T. musicus* geographical variability of nidification, **Danilov** & **Tarchevskaya**; breeding in Sweden, **Karlsson**; *T. nigrilorum* and *T. saturatus* taxonomy, **Serie**; *T. obscurus* in Norway, **Holgersen**; *T. philomelus* floating on the sea, **Mole** & **Chainey**; *T. pilaris* geographical variability of nidification, **Danilov** & **Tarchevskaya**; mortality and weights in Anglesey, **Jones**, P. H.; breeding in Lucerne, **Schwarz**; wintering in the Middle Urals, **Vinogradov** & **Chernyavskaya**; *T. pilaris* and *T. iliacus* need of

protection in East Germany, **Creutz** (4); *T. ruficollis atrogularis* in Heligoland, **Vauk** & **Gräfe** (1); *T. rufopallatus* first record in U.S.A., **Harrison**, W. I.; *T. viscivorus* nest defence, **Peitzmeier** (2).

TIMALIIDAE

Garrulax lineatus nidification, **Leonovich**.

Micromacronus leyensis **gen. et sp. nov.**, **Amadon**.

SYLVIIDAE

Checklist for Ethiopia, **White**.

Acrocephalus australis and *Megalurus gramineus* nesting notes, **Hobbs** (2); *A. gracilirostris* revision of races, **Clancey** (8); *A. paludicola* French note, **Isenmann**; *A. scirpaceus* development and behaviour study, **Impekenov**.

Apalis flavida canora **subsp. nov.** p. 134, **Lawson** (1).

Bradypterus barratti lysis **nom. nov.** for *Caffrilas barratti* major, **Parker**, S. A.; *B. b. major* taxonomic note, **Clancey** & **Wolters**.

Camaroptera chloronota kamitaguaensis **subsp. nov.**, **Prigogine** 1961 Rev. Zool. Bot. Afr. 63 p. 142.

Cettia cetti French note, **Chauheprat** & **Tual**; German note, **Krauter**.

Cisticola juncidis German note, **Frisch**.

Eremomela icteropygia taxonomic note, **Clancey** (3); races, **Winterbottom** (6).

Hippolais pallida elaeica status in Hungary, **Györi** & **Schmidt**.

Locustella fluviatilis on Fair Isle, **Davis**, P.; *L. lusciniooides* status in Bavaria, **Lohmann**.

Luscinia melanopogon Swiss records, **Fuchs**, **Kuhk**; in Geneva, **Rose**.

Orthotomus sepium sundaeicus, p. 145, and *O. s. baweanus*, p. 154, **subssp. nov.**, **Hoogerwerf** (1).

Phylloscopus bonelli in Suffolk, **Pearson**, D. J., **Bodydy** & **Smart**; on Fair Isle, **Davis**, P.; *P. brevirostris* redescription, **Watson** (2); *P. collybitus lorenzii* systematics and ecology, **Chunikhin**; *P. fuscatus* on Fair Isle, **Davis**, P. (1); *P. inornatus* Swiss note, **Schifferli** & **Sutter**; *P. proregulus* in Yorkshire, **Butterworth** & **Wolstenholme**; *P. schwarzi* in Norfolk, **Richardson**, R. & others; *P. trochilus* pugnacity, **Lomas**.

Prinia gracilis akyildzi **subsp. nov.** p. 2, **Watson** (9); *P. maculosa* general biology, **Rowan** & **Broekhuisen**.

Regulus calendula adaptive feeding, **Hespenheide**; *R. ignicapillus* nest observations, **Harry**.

Scotocerca inquieta platyura nidification, **Potapov**.

Sylvia spp. field identification, **Sharrock**; *S. atricapilla* note, **Zink**; *S. borin* migration and nesting in Greek islands, **Watson**; in Asia Minor, **Kumerloewe**; *S. cantillans* German note, **Vauk** & **Gräfe**; *S. nisoria* French note, **Clapham**; *S. undata* in Switzerland, **Vaucher**.

MALURIDAE

Malurus cyaneus "rodent-run" distraction display, **Rowley**.

MUSCICAPIDAE

Ficedula hypoleuca dummy experiments, **Curio**; subsp. variations in behaviour, **Curio** (1); reaction to certain predators, **Curio** (2); colour variations, **Winkel**, **Schumann** & **Berndt**.

Melaenornis silens leucomelas (Sundevall) subsp. nov.
p. 137, **Lawson** (2).

Muscicapa hypoleuca behaviour during an eclipse of the sun, **Elgmork**; effect on insect population, **Inozemtsev** (1); biology in Central Russia, **Karpovich**; nest sanitation by young, **Medlicott**; life history in Norwegian mountain area, **Meidell**; *M. ruficauda* nidification, **Leonovich**; *M. striata* nestling mortality, **Fairhurst**; food note, **Sage** (5).

Myioparus plumbeus grandior subsp. nov. p. 62, **Clancey** (4).

Niltava banyumas mardii subsp. nov. p. 190, **Hoogerwerf**.

Petroica multicolor South Australian note, **Daley**.

Terpsiphone paradisea nidification in S.W. Tian Shan, **Kovalshar**; *T. viridis* distribution of races in South Africa, **Lawson**; note, **Salomonsen** (1).

PARIDAE

Migrations, **Oelke**; Comparative ethology of British spp., **Stokes** (1).

Parus spp. food habits, **Ennion**, E. A. R.; *P. atricapillus* clutch size, **Greve**; *P. a. baicalensis* Korea note, **Mishima**; *P. caeruleus* breeding, **Inozemtsev** (2); German ringing results, **Mohr**; agonistic behaviour, **Stokes**; *P. major* Swiss nest note, **Gogel**; Russian study, **Il'yenko**; breeding, **Inozemtsev** (2); *P. montanus* in high Alps, **Imboden**; *P. palustris* food note, **Sage** (2).

Remiz pendulinus German observations, **Feindt** (1); German note, **Kruse**; note, **Löhrl** (1); Swiss nest note, **Roux**, G. (2).

SITTIDAE

Sitta krueperi plumage difference, **Löhrl** (2).

Tichodroma muraria Hungarian note, **Papp**.

CERTHIIDAE

Certhia spp. response to recorded song and speciation, **Thielcke** (2); *C. brachydactyla* song variations, **Thielcke**; note, **Waldeck**.

DICAELIDAE

Systematic revision, **Salomonsen**.

Dicaeum cruentatum simulans subsp. nov. no. 2057 p. 29, **Salomonsen**.

Paramythia montium alpinum subsp. nov. no. 2067 p. 5, **Salomonsen**.

Pardalotus rubricatus carpentariae subsp. nov. no. 2067 p. 23 and *P. melanoccephalus bouensis* p. 24 and *P. m. restrictus* p. 29, subsp. nov. no. 2068, **Salomonsen**.

NECTARINIIDAE

Anthreptes collaris study of habits, **Skead**.

Cyrtostomus frenatus host of *Chalcites russatus*, **Seaton**.

Nectarinia sororia a synonym of *N. bannermani*, **Ripley** (1).

ZOSTEROPIDAE

Taxonomic review, **Michaels**.

Zosterops lateralis population study at bird tables in Dunedin, N.Z., **Kikkawa**; at Tahiti, **Jouanin**; *Z. pallidus canariensis* subsp. nov. p. 159, **Clancey** (5); *Z. palpebralis* breeding behaviour, **Kunkel**.

MELIPHAGIDAE

Distribution study, **Gannon**.

Promerops cafer breeding season, **Winterbottom** (3).

EMBERIZIDAE

Emberiza aureola nidification, **Shkatulova**; *E. cia* note and photos, **Hollom**; Hungarian nesting, **Szabó**; *E. cirlus* Swiss note, **Blotzheim**; *E. citrinella* osteology, **Il'ichev** (3); study of aortic body, **Kuo-tchang & Siang-ki**; *E. leucocephala* osteology, **Il'ichev** (3); distribution study, **Niethammer** & **Thiede**; nidification, **Shkatulova**; *E. melanocephala bruniceps* in Heligoland, **Vauk**; *E. pusilla* breeding in Swedish Lapland, **Curry-Lindahl** (2); *E. schoeniclus* races in Hungary, **Beretzk**, **Keve** & **Marian**.

Hypocnemis aureola insulanus subsp. nov. p. 393, **Portenko**.

Miliaria calandra ignobilis subsp. nov. p. 394, **Portenko**; *M. c. sarmatica* subsp. nov. p. 393, **Portenko**.

Schoeniclus schoeniclus kozlowae subsp. nov. p. 393, **Portenko**; *S. s. wotikorum* subsp. nov. p. 392, **Portenko**.

Spina fucata transitsiva subsp. nov. p. 391, **Portenko**.

TANAGRIDAE

Chlorophonia flavirostris in New York Zoo, **Conway** (1).

Chlorospingus spp. display patterns, **Moynihan**.

Hemispingus melanotis macrophrys subsp. nov. **Koepke** 1961 Amer. Mus. Novit. no. 2028 p. 22.

Ramphocelus spp. display patterns, **Moynihan**.

Rhodinicla rosea habits, **Skutch** (1); systematic position, **Eisenmann**.

Tanagra icterocephala oresbia subsp. nov. p. 9, **Wetmore**.

Thlypopsis fulviceps meridensis subsp. nov. p. 203, **Phelps**.

COEREBIDAE

Coereba flaveola popular account, **Griswold** (1).

PARULIDAE

Adaptive modifications in leg structure, **Osterhaus**.

Chamaetylas relationship to *Icteria*, **Eisenmann** (1).

Dendroica coronata aggressive behaviour, **Woolfenden** (1); *D. kirtlandii* ten year census, **Mayfield**; Barrows account in 1920, **Mayfield** (1).

Euthlypis lachrymosa first record in U.S.A., **Levy**.

Icteria virens note, **Ficken**, M. S. & R. W.

Opornis spp. distribution, **Hofslund**.

Peucedramus taeniatus classification, **George**, W. G.; systematic and ecologic notes, **Webster**, J. D.

Seiurus aurocapillus in California, **Goodall**.

Setophaga ruticilla maintenance activities, **Ficken**; territorial habits, **Ficken** (1).

Vermivora bachmanii note, **Dawn**; *V. pinus* and *V. chrysopera* status and hybrids in central New York, **Short**; *V. virginiae* in Canada, **Dow**.

VIREONIDAE

Vireo spp. study in Panama, **Eisenmann** (3); species relationships and adaptations, **Hamilton**, T. H.

(2); *V. atricapilla* life history, **Graber**, J. W.; *V. belli* nesting study in Oklahoma, **Overmire** (1); *V. griseus* feeding habits, **Nolan & Wooldridge**; *V. olivaceus* the swaying display, **Nolan**; *V. phalaenus* first winter specimen in U.S.A., **Gauthreaux**.

ICTERIDAE

Agelaius spp. ecology of social systems, **Orians**; *A. phoeniceus* nesting study, **Fairfield**; feeding behaviour and agriculture, **Meaney**; breeding in Alaska, **Shepherd**; control by gametocidal drug, **Vandenberg & Davis**; predatory note, **Helms**; breeding in captivity, **Wetherbee**.

Cassidix mexicanus prosopidicola nesting studies, **Tutor**.

Dolichonyx oryzivorus annual testicular cycle, **Engels** (1); migratory pathways, **Hamilton**, W. J. III; does it navigate? **Hamilton**, W. J. III (4).

Euphagus cyanocephalus status in Florida, **Birkenholz & Allen**.

Icterus cucullatus nesting in Sacramento, California, **Moore**, M.; *I. galbula* in California, **Abbott**; kills hummingbird, **Wright**, B. S.; *I. spurius phillipsi* subsp. nov. p. 311, **Dickerman & Warner**.

Molothrus ater nest-parasitism in Nebraska, **Heyenrader**; homing instincts, **Manwell**; hosts in southern Quebec, **Terrill**.

Otocoris decumanus nidification and breeding study in Trinidad, **Drury**.

Quiscalus quiscula trapped in lobster pots, **Rowdon**.

Sturnella spp. of desert grassland, **Lanyon**.

FRINGILLIDAE

Food selection in British finches, **Kear**.

Aegithalos temporalis nesting notes, **Jasper**.

Ammodramus caudatus and *A. maritima* on Long Island, New York, **Elliott**, J. J.

Cactospiza pallida use of spine as tool photos., **Eibl-Eibesfeldt & Sielmann**.

Calcarius pictus mersi and *C. p. roseorum* subsp. nov. **Kensler** 1961 Canad. Fd. Nat. 75 p. 147.

Carduelis cannabina blinded by seeds of *Bidens tripartita*, **Langford**; breeding habits, **Lehmann**; *C. flammea* breeding in Netherlands, **Blok & Spaans**; breeding biology, **Peiponen**; *C. flammea* new habit of fruit blossom damage in New Zealand, **Stenhouse**; taxonomy of New Zealand race, **Stenhouse** (1); *C. flammea* and *C. hornemannii* possible hybrids, **Spaans**; *C. flavirostris* French note, **Heymer**; *C. hornemannii* in Outer Hebrides, **Palmar**; *C. spinus* breeding in Devon, **Dare**; breeding observations, **Hauri**; migration in France, **Morel**; Hungarian breeding observations, **Szabó & Györi**.

Carpodacus erythrinus biological observations, **Czarniecki**; note and photos., **Williamson** (10); *C. mexicanus* spread in British Columbia, **Edwards & Stirling**; water economy and salt utilization, **Poulson & Bartholomew**; *C. m. frontalis* status in New York State, **Cant**.

Coccothraustes coccothraustes Belgian study, **Herrelen** (1).

Chloris chloris east cotoneaster seeds, **McDonnell**.

Erythrina rosea sachalinensis subsp. nov. p. 389, **Portenko**.

Fringilla butyracea note, **Dabour**; *F. coelebs* unusual song, **Helbig**; German note, **Jakobs**; variation in Rhine Valley, **Niethammer** (2); geographical song variation, **Thielcke** (3).

Junco hyemalis wing lengths, **Blake**, C. H.; photoperiodic manipulations results, **Johnston**, D. W. (1); *J. h. henshawi* nom. nov. p. 374, *J. h. similisima* subsp. nov. p. 376, **Phillips**; *J. oreganus* song development in captivity, **Marler & others**.

Leucosticte arctoa brunneonucha nidification, **Kapitonov**; *L. nemoricola* food of nestlings, **Kovshar** (1).

Linaria cannabina kudasczewi subsp. nov. p. 388, **Portenko**.

Loxia curvirostra eat beechmast and hazel nuts, **Upton** (1); 1962 invasion in Britain, **Williamson** (9).

Melospiza melodia territorial behaviour, **Tompa**.

Mycerobas carnipes geographical variation, **Keve**; *M. c. centralis* subsp. nov. p. 391, **Portenko**.

Passerculus sandwichensis salt balance, **Poulson & Bartholomew** (1).

Passerella iliaca first record for U.S.S.R., **Jakobi**; in Co. Down, new to British Isles, **Wilde**.

Passerherbulus caudactus food analysis, **Easterla**.

Pheucticus spp. hybridizations, **West**.

Plectrophenax nivalis Italian records, **Moltoni** (1).

Pyrhula leucogenys coriaria subsp. nov. p. 17, **Ripley & Rabor**; *P. pyrrhula* Russian economic study, **Prokofiev** (1); migration, **Sapetina** (2); *P. p. exorientes* subsp. nov. p. 390, **Portenko**.

Rhodopechys sanguinea nidification and food of nestlings, **Kovshar** (1).

Rhodospiza obsoleta chuancheica subsp. nov. p. 390, **Portenko**; *R. o. kaschgarica* subsp. nov. p. 389, **Portenko**.

Rubicilla erythrina tianshanica subsp. nov. p. 388, **Portenko**.

Serinus canarius serinus spreading in Europe, **Creutz** (5); *S. citrinella* Clancey & Lawson, validity, **Wolters** (1); *S. minanensis* sp. nov. p. 13, **Ripley & Rabor**.

Spiza americana nesting study in Oklahoma, **Overmire**.

Zonotrichia atricapilla experiments biology, **Morton & Mewaldt**; *Z. capensis* bimodal occurrence of breeding, **Miller**, A. H.; *Z. leucophrys* a plucking experiment, **Morton**; study of song, **Marler & Tamura**; races in Californian Mountains, **De Wolfe**.

ESTRILDIDAE

Evolutionary aspects of song, **Hall**, M. F.; Ethological taxonomy, **Harrison**, C. J. O. (7); Solitary song and habits, **Harrison**, C. J. O. (8).

Amandava amandava plumages, **Goodwin**; affinities, **Harrison**, C. J. O. (4); *A. formosa* courtship habits, **Kunkel**; *A. subflava* mouth-markings of nestlings, **Harrison**, C. J. O. (6).

Estrilda astrild malanje nom. nov. for *E. a. angolensis*, **Taylor**; *E. a. schoutedeni* subsp. nov., **Wolters**; *E. nonnulla* note on races, **Wolters** (3).

Lonchura castaneothorax and *L. flavigrypma* hybrid population, **Immelmann** (3).

Neochmia phaeton taxonomic position, **Mitchell**.

Uraeginthus and *Granatina* relative priority, **Harrison**, C. J. O. (5).

SPERMESTIDAE

General biology, **Immelmann**; Eyesight and hearing, **Immelmann** (2).

PLOCEIDAE

Adaptive significance of pair formation, **Crook**; Problem of the Viduinae, **Friedmann**.

Anomalospiza imberbis biology, **Williams & Keith**.

Erythrura coloria sp. nov. p. 18, **Ripley & Rabor**.

Euplectes diademata note, **Williams**, J. G.; *E. franciscana* melanism, **Rollin** (2).

Lagonosticla rubicata and *L. rhodoparcia* taxonomy, **Wolters** (2).

Pytilia melba damarensis validity, **Clancey**.

Quelea quelea reproduction periods, **Lofts**.

Steganura paradisea study of plumage, **Koenig**.

Taeniopygia castanotis melanism, **Rollin** (1); *T. guttata* aviculture and habits, **Michaelis** (1).

Textor cucullatus nest building study, **Collias**.

Uraeginthus cyanocephalus study in captivity, **Goodwin** (1).

Vidua spp. taxonomy, **White** (1); *V. regia orientalis* subsp. nov. p. 24, **Pinto**; *V. r. woltersi* nom. nov., **Rosa Pinto**.

PASERIDAE

Montifringilla nivalis fahrettini subsp. nov. p. 12, **Watson** (9).

Passer spp. control, **Gavrilov**, **Gavrilov** (3); *P. ammodendri nigricans* subsp. nov. p. 220, **Stepanyan** (1); *P. domesticus*, veterinary note, **Clarke**, E. V.; feeding young on cuckoo-spits, **Fincher**; Russian economic study, **Ilienko**; sexual variations, **Pézard**; neurology, **Santamaría-Arnáiz**; general biology, **Summers-Smith**; *P. d. colchicus* subsp. nov. p. 387, **Portenko**; *P. d. tauricus* subsp. nov. p. 387, **Portenko**; *P. hispaniolensis* control in Kazakhstan, **Gavrilov** (1); in south of France, **Mayaud** (1); *P. h. transcaucasicus* note, **Gavrilov**; *P. montanus* general habits, **Deckert**; autumn sexual behaviour, **Pielowski** & **Pinowski**; first record in Iceland, **Waag**; ethology compared with *P. domesticus*, **Berck**; habits in relation to *P. domesticus*, **Berck** (2); parasitised by *Cuculus canorus*, **Berndt** (2).

Petronia spp. in Germany, **Niethammer** (4); *P. petronia* note and photos, **Hollom**.

STURNIDAE

Acridotheres tristis breeding habits in Kara Kum desert, **Sapozhenkov**; New Zealand note, **Wright**, A.

Buphagus erythrorhynchus invictus subsp. nov. p. 19, **Clancey** (2).

Creatophora cinerea biology, **Liversidge**.

Leucostes rothschildi breeding in San Diego zoo, **Lint** (4).

Sturnus cineraceus ontogeny of behaviour, **Kuroda**; roosting behaviour, **Kuroda**; *S. vulgaris* 1923 record in Tennessee, **Adams**, P. J.; fight observation, **Baird**, J.;

roosts in the Marlborough, Wiltshire, area, **Bland & Creed**; study of nestling mortality, **Delvingt**; Belgian migrations, **Delvingt** (1); behaviour note, **Drage**; dispersal behaviour observed by radar, **Eastwood, Isted & Rider**; in British Columbia, **Guiguet** (1); note, **Hasse** (1); biology in Central Russia, **Karpovich**; at sea between Hawaii and California, **Kincaid**; helminth infection, **Owen & Pemberton**; roosting habits, **Spaans & Swennen**; dispersal in Netherlands, **Swennen**; roosting places, **Frieswijk & Walrecht**; uses of bill, **Vik**; sequence of post-nuptial moult, **Williamson** (4).

ORIOLIDAE

Oriolus larvatus tibicens subsp. nov. p. 199, **Lawson** (3).

DICRURIDAE

Dicrurus hottentottus faberi subsp. nov. p. 187, **Hoogerwerf**.

PTILONORHYNCHIDAE

Popular account, **Chaffee**; General review, **Marshall** (1); Field notes on Australian spp., **Warham** (1).

Chlamydera nuchalis behaviour observations, **Hore-Lacy**.

Parotae carolea clelandiae subsp. nov. **Gilliard** 1961 Amer. Mus. Novit. no. 2031 p. 5.

PARADISEIDAE

Astrapia splendissima elliotsmithi subsp. nov. **Gilliard** 1961 Amer. Mus. Novit. no. 2031 p. 3.

Ptiloris paradiseus display notes and photos., **Everitt**.

CORVIDAE

Feather tracts—a correction, **Bock** (1); Behaviour and phylogeny of certain New World Garrulinae, **Hardy**; Sleeping on the ground, **Evans, Manson**.

Corvus bennetti defense of nest, **Hobbs** (1); *C. bennetti* sp. nov. p. 172, **Kretzoi**; *C. brachyrhynchos* behaviour of a pet, **George**, J. (1); *C. corax* Hungarian note, **Györffy**; biology and spreading in Mecklenburg, **Gothe**; breeding locations, **Gothe** (1); breeding density, **Ratcliffe** (1); status in Saxony, **Schultz**; speech ability, **Valeur**; in Swiss Alps, **Wörner**; *C. corone orientalis* food, **Ishunin** & **Maksimov**; *C. frugilegus* German population study, **Brinkmann**; mottled plumage, **Fordham**; nesting colonies as foci of some diseases, **Gusev**; deformed bill, **Nevin**; census in Central Russia, **Osmolovskaya**; breeding in Turkey, **Roer**; *C. monedula* spreading in Switzerland, **Géroudet** (1); roosting habits, **Griffiths**; Swedish study, **Lundin**.

Cyanocitta cristata burleighi subsp. nov. p. 205, **Bond**.

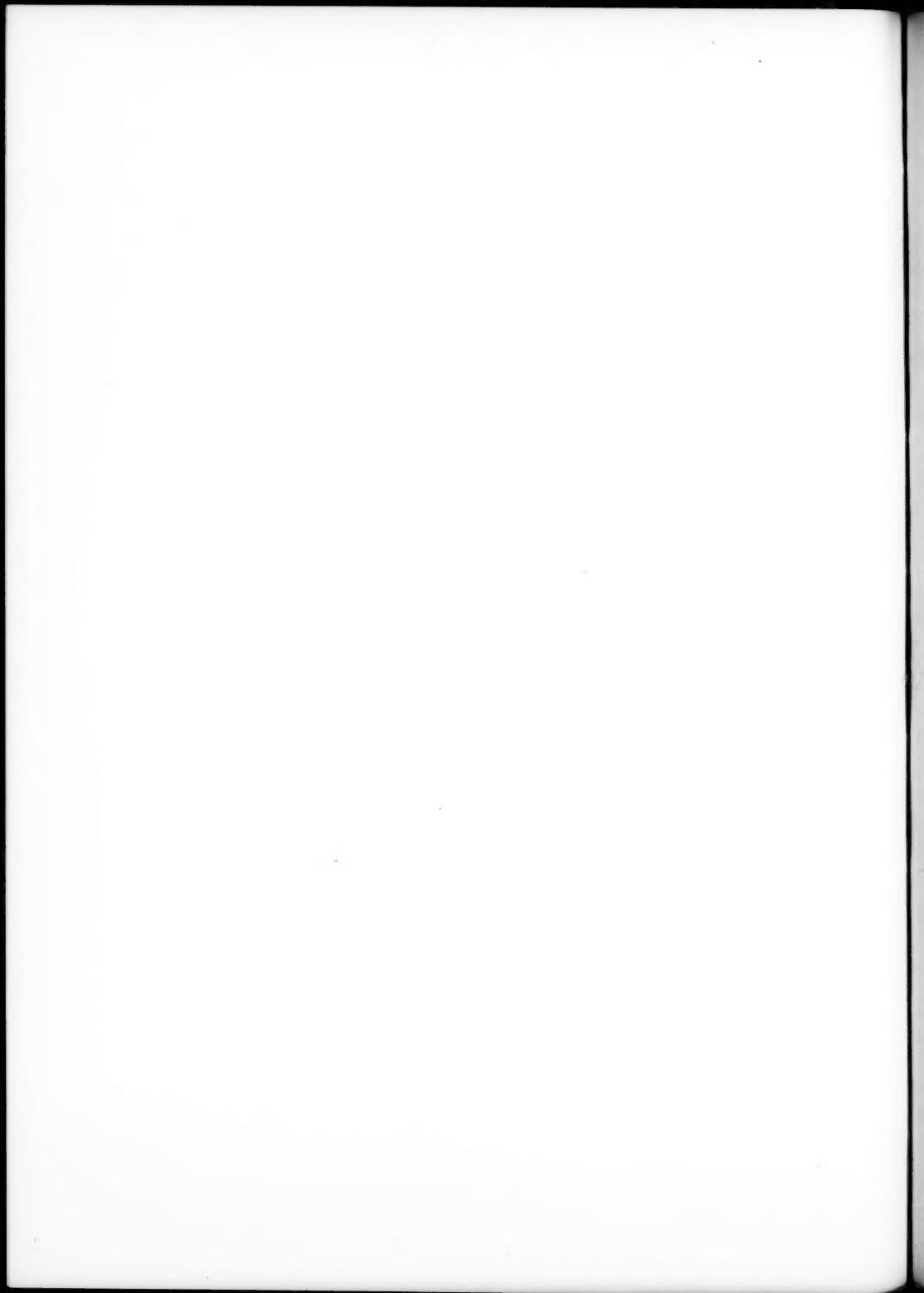
Cyanopica cyano cyanus nidification, **Prokof'ev**.

Garrulus glandarius note, **Rappe** (2).

Nucifraga caryocatactes call sounds, **Brandt**; *N. c. macrorhynchos* nidification, **Karpukhin**.

Pica pica display, **Clegg**.

Pyrrhocorax graculus winter notes in Switzerland, **Strahm**; *P. pyrrhocorax* notes from Bardsey Island, **Cowdy**; *P. p. erythrorhamphos* note, **Guichard**.



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